

Effisus product catalogue

Excellence in Weatherproofing Solutions

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EFFISUS

Efficient Sustainability

The Effisus solutions combine, in an innovative and balanced way, Efficiency and Sustainability, promoting integrated systems with high added value and superior quality.

Effisus provides weatherproofing solutions for the building envelope, maximizing performance, acoustic and energy efficiency, always supported by our extensive consulting services.

We aim to lead the development and trading of sustainable and efficient solutions for the construction industry, by investing in long-term strategic partnerships with global reference partners.

Efficiency

- Maximum performance
- "Cutting edge technology"
- Superior quality integrated solutions
- Optimized project-centered solutions
- Guaranteed quality of installation
- Building performance optimization
- Long-term strategic vision

Sustainability

- Maximum durability
- Use of recycled and/or reusable materials
- Promoting solutions free of harmful chemicals
- Rational use of natural, technological and financial resources
- Optimization of building's environmental performance
- Long-term strategic vision

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COMPANY PROFILE

Effisus – Efficient Sustainability it is part of Up-Way Systems. Up-Way Systems develops and markets Effisus Solutions worldwide. The Effisus solutions combine in an innovative and balanced way, Efficiency and Sustainability, promoting integrated systems with high added value and superior quality.

Effisus solutions assure weatherproofing of the building envelope, promoting superior building energy efficiency, always supported by our extensive consulting services.

Part of a global network with more than 8000 weatherproofing experts across USA, Europe, Africa and Middle East, we aim to lead the development and commercialization of sustainable and efficient solutions for the construction industry, investing in long-term strategic partnerships with global reference partners.

The result of such partnerships is the presence of Effisus in different continents, and its participation in globally renown projects, such as the Dublin International Airport and Battersea Development in the United Kingdom, Fountain Views, Skyview and the Museum of the Future in the UAE, or Hudson Yards in the USA.

OUR MISSION

We strive to provide excellence in weatherproofing solutions for the building construction segment, with a key focus on optimizing to the needs of each project. We aim to leverage strong partnerships in order to achieve efficient sustainability from start to finish. We will eagerly get involved and be proud of what we do.

OUR VISION

We aim to be the first option for weatherproofing solutions on every targeted, high-end project.



PORTFOLIO

Projects

We strive to provide excellence in weatherproofing solutions for the building construction segment, with a key focus on optimizing to the needs of each project. We aim to leverage strong partnerships in order to achieve efficient sustainability from start to finish. The result of such partnerships is the presence of Effisus in different continents, and its participation in globally renowned projects. Some of our reference projects:

United Kingdom

| Southbank Place | The Clatterbridge Cancer Centre
| London Wall Place | Harbour Central | Holland Green
| Battersea | Mayfair Park Residences

UAE

| Skyview | Museum of The Future | Dubai Hills Mall | Nakhell Mall
| Fountain Views | Dubai Creek - Ras al Khor

Portugal

| Jardins do Braço de Prata | Urbo – Business Center
| NATO'S School of communications and information systems

Spain

| Diagonal Zero Zero - Barcelona | BBVA Madrid Headoffices
| Technological building of the Cortizo group

France

| TERMINAL T2B- Charles de Gaulle
| Longchamp Racecourse | Stade de Lille

USA

| Hudson Yards | Apple Headquarters Cupertino

África

| Madagascar Airport

Austrália

| Canberra Airport

For additional reference projects please visit Effisus website:
www.effisus.com/en/effisusportfolio/



Southbank Place **United Kingdom**



Installed solutions: • Effisus Pre-Fab TrueSeal • Effisus Ecofacade • Effisus Pre-Fab Corners • Effisus Breather+

Located riverside, closed to Westminster and the London Eye, Southbank Place combines a perfect location with architectural quality, celebrating the heritage and history of its surroundings.

Is it set to be one of the most desirable and refined apartment's development in the city.

Public spaces were tough to detail, and the area will be complemented by art and events, becoming an attractive destination for culture lovers.

The development includes retail, restaurants, boutique coffee shops, bars, and at the lower ground level, one private, luxury health and fitness club with an infinity pool, a gym and personal training area.

For this project's façade, and its intricate interfacing details, it was used the Effisus Pre-fab TrueSeal solution – a bespoke solution that assures a perfect sealing of complex details. Effisus Ecofacade Membranes and Effisus Pre-fab Corners, as well as Effisus Breather + Membrane, were used to achieve a complete façade weatherproofing.

The Clatterbridge Cancer Centre **United Kingdom**



Installed solutions: • Effisus Pre-Fab TrueSeal • Effisus Ecofacade

The Clatterbridge Cancer Centre, located in Liverpool, is one of the UK's leading cancer centres. In addition to expert care for patients and their families, with more than 1,200 dedicated professionals, it is also recognized for the new treatments and discoveries of cancer treatment.

Its services have been renewed and are expanding into central Liverpool, with an investment of £162 million. This renovation aims to develop more services closer to patient's homes and communities, but also to spread The Clatterbridge Cancer Centre status as a site of teaching and presentations.

In this project's weatherproofing it was used the Effisus Pre-Fab TrueSeal solution – a bespoke solution that assures a perfect sealing on complex details.

London Wall Place **United Kingdom**



Installed solutions: • Effisus 2Bond DS • Effisus Breather+ • Effisus VapX

London Wall Place is a new development, with more than 500.000m², located in the heart of London, between Moorgate and Barbican. This development is comprised by two commercial buildings and will add a large green area to the city. The largest building has about 300.000m² and rises to a height of 12 floors, and the remaining building, with about 12.000m², has 16 floors. Both are encased using steel, concrete and glass, having green roofs as a compliment for the surrounding green areas.

One of this project's unique characteristics is the creation of its steel structures, walkways in height that will link the buildings, whilst also having a path for public access. For this project's façade weatherproofing, three Effisus solutions were used: Effisus VAP (vapour barrier), Effisus Breather+ (breathable membrane) and Effisus 2Bond DS (double-sided solution for sealing between two surfaces). With this, the façade's water tightness is ensured, the ventilation of its various components is possible, and vapour transfers are stopped.

Harbour Central **United Kingdom**



Installed solutions: • Effisus Breather+

Harbour Central is one of the most recent developments in Canary Wharf, one of London's two financial centers. There will be 5 residential buildings and a leisure complex.

The main building of the development will be the Maine Tower with 42 floors. The upper floors are quite promising, as they will comprise breath-taking panoramic views of London.

In total, Harbour Central will offer approximately 642 private apartments with 1, 2 or 3 bedrooms, including 8 penthouses. This area will also be served by a gymnasium, spa, offices, library and cinema.

The Effisus Breather breathable membrane was the chosen solution for this project, in order to ensure the water tightness of the façade, and, at the same time, to allow ventilation of the façade's components.



Holland Green and the Design Museum **United Kingdom**



Installed solutions: • Effisus Ecofacade • Effisus VapX • Effisus Breather+ • Effisus 2Bond DS • Effisus Bonding KF

In a very particular project, designed by Rem Koolhaas's OMA, three luxury housing blocks had partly funded the new Design Museum – the old Commonwealth Institute. Regarded as an important building by the English Heritage, the idea behind the project was to explore a new usage for the main exhibition hall and replace the administrative wing and develop it from a residential point of view. The project sits at the southern end of Holland Park and occupies an area of 30.000 m2. A major reconfiguration of the building, with a massive architecture transformation and enhancement, had achieved a new set museum that definitely merits recognition. The new façade allows dramatic views of all levels to visitors, and a coherent series of volumes with clearly defined circulation areas was achieved with success, while being able to retain its distinctive copper roof and parabolic form, which required significant engineering skill from Arup and the contractor, Mace.

Effisus weatherproofing solutions and Consulting Services have been integrated throughout the project, aiming to maximize the building's energy efficiency and air quality.

Battersea **United Kingdom**



Installed solutions: • Effisus Ecofacade Envelope

The Battersea Power Station has dominated the London skyline since the 1930s. The coal fired power station was designed by one of Britain's great modern architects Sir Giles Gilbert Scott.

It was decommissioned in 1983, when the UK shifted to cleaner technologies of oil, gas and nuclear power for electricity generation. It continued to make cultural appearance in movies and music, growing in affection in the hearts of Londoners. Having lain derelict for three decades, the iconic landmark has now found a new life. The development of the iconic landmark will permanently alter the shape and focus of Central London.

Battersea Power Station's incredible rebirth will see it transformed into one of the most exciting and innovative mixed-use neighborhoods in the world, comprising unique homes designed by internationally renowned architects, set amidst the best shops, restaurants, offices, green space, and spaces for the arts.

A Masterful Plan: The 42-acre masterplan, delivered by globally respected architect, Rafael Viñoly, creates a series of villages, with each intended to have its own distinct character. Together they deliver a fully functioning city district, a global destination. The Effisus Ecofacade Envelope Systems is being applied at this iconic project in order to assure the most efficient façade weathertight system.



Mayfair Park Residences **United Kingdom**



Installed solutions: • Effisus Breather FR

Mayfair Park Residences is located at London's most prestigious district of Mayfair. Surrounded by Mayfair's inspiring mansions and exquisite gardens, Mayfair Park Residences will be one of the most sophisticated places to live in London. It is located just a short walk away from famous Bond Street and its luxury shops, art galleries and auction houses. Mayfair Park Residences are composed by two fronts: one on Stanhope Gate and the other on Curzon Street, which runs parallel. Stanhope Gate façade is composed by three frontages, mixing two old – Georgian style- fronts and one with a more contemporary design. Curzon Street façade is more modern and it was designed to ensure a superb view of Hyde Park.

Fire protection was a main concern for this project and Effisus Breather FR, a fire-resistant breathable membrane, was the chosen membrane for protection of the new façade against moisture, driving rain and wind.

Skyview **UAE**

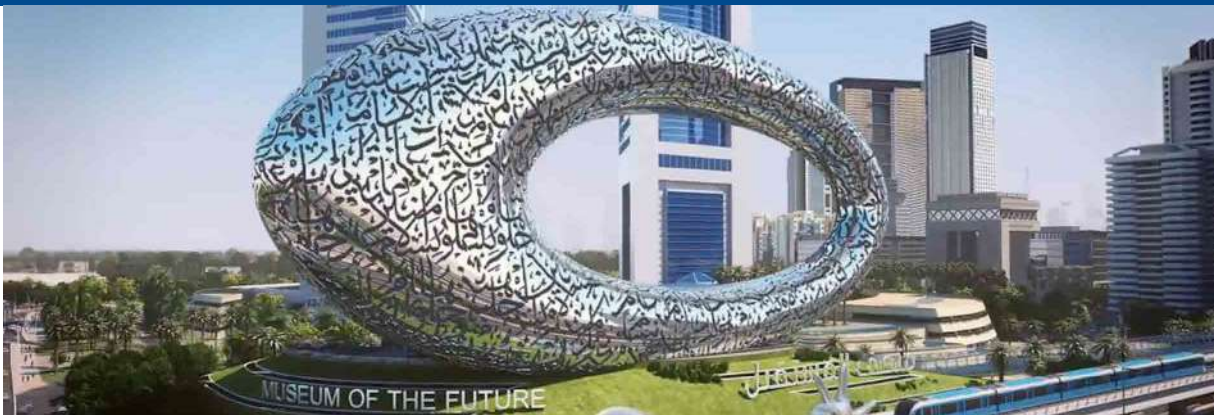


Installed solutions: • Effisus Ecofacade • Effisus 2Bond GO

The Sky View development is a mixed-use twin-tower complex, with a Hotel, residences and serviced apartments, in downtown Dubai. The new landmark will be known as the figurative gateway to Downtown Dubai. The project was designed by Skidmore, Owings & Merrill, who gave it a distinctive facade and a jaw-dropping "Sky Deck". The deck not only serves as a 3-level link between both towers, but also offers an open space with an infinity pool, restaurant, bar, and more. Both towers have underground links to the Dubai Metro and to The Dubai Mall (one of the world's largest shopping malls). The development has an unique view, with the Burj Khalifa (the world's tallest building) on one side, and the Arabian Gulf on the other. The chosen solution for sealing the towers' facade connections as Effisus Ecofacade, in order to protect the towers against water damage and to improve their energy efficiency.



Museum of the Future UAE



Installed solutions: • Effisus Ecofacade • Effisus Bonding KF+P

The Museum of the Future located in Dubai, UAE, is the place to be regarding innovation and design trends. After years of temporary exhibitions held at the World Government Summit, the Museum of the Future was thought as the definitive place for showing tomorrow's futuristic tendencies.

The novelty starts in the building itself, as it is built in part using 3D printing technologies, allowing it to change over the years and reflect the latest progresses.

It is expected to attract tourists all over the world with advanced courses and specialized workshops, as well as public talks and events. It is also provided with innovation facilities such as universities, companies and research partners.

Effisus Ecofacade integrated solution was used to ensure water and air tightness of façade's connections.

Dubai Hills Mall UAE



Installed solutions: • Effisus Ecofacade • Effisus Bond FT

Dubai Hills Mall is the new mega shopping complex coming up in Dubai Hills Estate.

With a total two million square feet, it is composed by two floors, becoming the home of over 650 retail and Food & Beverages outlets including family entertainment offerings, a Cineplex, a hypermarket and parking spaces for over 7,000 vehicles. It will be accessible by a direct link to Dubai Metro, also easily accessible from Downtown Dubai, Emirates Hills and the Dubai Marina.

Effisus Ecofacade Membranes were used to ensure water and air tightness of façade's connections. Effisus Bond FT was used for permanently sealing roofing flashing details on metal roofs.

Nakheel Mall UAE



Installed solutions: • Effisus Ecofacade • Effisus Bond FT • Effisus Stopper

Nakheel Mall is located at the core of Palm Jumeirah, and is part of Nakheel Malls' AED16 billion expansion, aiming a total retail space to over 17 million square feet.

It has 350 shops, restaurants and leisure attractions across five floors, plus three underground parking levels with 4,000 spaces.

It is set to be Dubai's most premium shopping destination.

On this prestigious project Effisus Bond FT and Effisus Stopper solutions were used to seal roof flashing and penetration details. The Effisus Ecofacade solution was also used to ensure water and air tightness of façade's connections.

Fountain Views UAE



Installed solutions: • Effisus Ecofacade

The Fountain Views complex is a mixed-use development, comprised of three 60 storey towers, with 786 apartments and a new Address hotel with 194 rooms, in Dubai. The three towers have an astonishing view of the world's tallest building, the Burj Khalifa, and of the world's highest performing fountain, the Dubai Fountain. Moreover, as an integral part of the expansion of The Dubai Mall (one of the world's largest shopping destinations), the Fountain Views are directly linked to it through a metro link. Amenities include a fully equipped health club, swimming pools, a rooftop recreation deck, and more. The development features a unique scalloped façade, with an alternating pattern in the placement of its double-glazed floor-to-ceiling windows and adjacent balconies. The chosen solution for sealing the towers' facade connections was the Effisus Ecofacade membrane. This was done in order to, not only protect the buildings from water damage, but also to improve their energy efficiency.



Dubai Creek - Ras Al Khor UAE



Installed solutions: • Effisus Breather FR

Dubai Creek is the cornerstone of Dubai's heritage. As a natural harbour, the Creek was historically a busy regional hub for trade, fishing and pearling – it was the original lifeline, where Dubai began its expansion into the city we know today. Preserving both the cultural and environmental aspects of the site is at the forefront of the Dubai Creek Harbour development – integrating a smart, green city, whilst building on cultural heritage.

Located next to Ras Al Khor wildlife sanctuary, a home to an abundance of native flora and fauna, Dubai Creek Harbour aims to bring harmony between responsible city living and creating an awareness of sustainable biodiversity.

Dubai Creek Harbour offers a truly mixed-use development with waterfront eco-resorts, a marina and yacht club, commercial and retail space will all inter-mingle with cultural, leisure and educational amenities, all creating an aspirational mixed-use development for generations to enjoy.

The first fire resistant (A2 Class) facade breather membrane, Effisus Breather FR, is being applied for fire protection and facade weatherproofing.

Jardins do Braço de Prata Portugal



Installed solutions: • Effisus Stopper • Effisus 2Bond DS

Jardins do Braço de Prata is an architecture and urban project authored by Renzo Piano, winner of the Pritzker Prize, to be conducted in a privileged location in Lisbon, with a view over the Tagus River, between the neighborhood of Alfama and Parque das Nações.

The project is built on the historic and industrial region of Fábrica do Braço de Prata and has, as its source of inspiration, the memory of the place itself. Conducting a full-fledge requalification of such area, the intent is to turn it into a flagship of the city of Lisbon, proposing a new perspective on its industrial past and tradition. The façades abide by a line of industrial inspiration with tiles.

The Effisus Stopper system and the Effisus 2Bond DS solution were both used for this project seal penetrations in flat roofs, and ensure the watertight properties of joints between different surfaces, respectively.

Urbo - Business Center **Portugal**



Installed solutions: • Effisus Ecofacade P-Fix

Located in Matosinhos, the Urbo – Business Center has a total construction area of 25.600 square meters, intended to be occupied by services and business units.

This office building, promoted by DST and signed by the architect Nuno Capa, is the product of the picture-perfect symbiosis between a daring design and an avant-garde architecture, a state-of-the-art technology and state-of-the-art energy efficiency solutions. The project depicts much of what the DST group foresees as the future of real estate: the development of ‘turnkey’ solutions, based on an innovative perspective, using differentiated technical and environmental solutions.

The Ecofacade P-Fix solution was used during this work – an innovative solution for sealing fast-fitting façade connections. This solution increases the productivity of the waterproofing work conducted in façade connections, ensuring a definitive seal, resistant to the most aggressive environmental conditions.

NATO’S School of communications and information systems **Portugal**



Installed solutions: • Effisus Ecofacade SA-Edge • Effisus Bonding KFP

Oeiras was the location chosen for NATO’s new School of Communications and Information Systems, which should start operating in 2019, attracting students from all over the world.

The work was structured on an area of 83.000 m2 by the sea, in front of Carcavelos Beach, with low buildings (maximum three floors) and ample outdoor green spaces.

It is estimated that 400 courses / year can be taught for an estimated universe of 6000 students.

In this project, the innovative solution Effisus SA-Edge, a membrane with self-adhesive bands was used with the help of KFP Adhesive, UV resistant.



Diagonal Zero Zero Spain



Installed solutions: • Effisus Ecofacade • Effisus Easyrepair

The Diagonal Zero Zero, is a skyscraper in Barcelona, Spain. The building has a height of 110m, with 24 floors, and is located in the city's main avenue. The project is an example of high-tech architecture. The perimeter structure is split in two rings: an interior vertical structure and an exterior bracing lattice supporting the structural movements produced by wind or earthquakes. Effisus Ecofacade was the chosen solution for sealing the building's facade connections. Effisus Easyrepair was used to seal the perforations made through the building's windows.

BBVA Madrid Headquarters Spain



Installed solutions: • Effisus Ecofacade

The new BBVA Headquarters is located in the northern outskirts of Madrid and was signed off by the award-winning Pritzker Herzog & de Meuron. This corporate campus, completely based on LEED certification, was built in order to respond to the needs of the Spanish bank to grow in the Spanish capital.

The complex, with 100 thousand square meters of built area, comprises an intricate network of buildings, patios and gardens. The buildings were designed to optimize the use of natural light and provide visualization of green areas within the work environment. The main building is easily recognizable by its geometrically shaped brise-soleil and its rounded silhouette central tower.

The Effisus Ecofacade membranes were used to seal the connections of the glass elements to the facade, guaranteeing water and air tightness, optimizing the energy efficiency of the building.

Technological building of the Cortizo Group **Spain**



Installed solutions: • Effisus Ecofacade SA-Edge

The Cortizo group, a European reference in the production of aluminum profiles for the industry and architecture sectors, has recently expanded its business with the creation of a new production unit for PVC profiles.

The new factory has a total area of 9.000 m² and a production capacity of 3.000 kg/hour. Cortizo is now the first Iberian manufacturer of PVC profiles.

The Effisus Ecofacade SA-EDGE membranes were used during this project, for an effective sealing of the façade joints.

Terminal T2B - Charles de Gaulle (Paris) **France**



Installed solutions: • Effisus Ecofacade

Charles de Gaulle Airport is the largest airport in France and one of the busiest airports in the world. It has an impressive extension of about 32,38 square kilometers, across three departments and six communes.

Paris-Charles de Gaulle Airport is under a renovation program which is expected to last until 2024. The aim of the project is to extend and modernize the airport facilities to be able to accommodate a larger number of passengers and increase the air traffic to reach the milestone of 80 million passengers per year.

The terminal 2 complex is split into seven sub-terminals: 2A, 2B, 2C, 2D, 2E, 2F and 2G + the TGV-RER railway station Aéroport Charles de Gaulle 2.

Effisus Ecofacade solution was the integrated solution to ensure water and air tightness of façade's connections in Terminal 2B.



Hippodrome ParisLongchamp **France**



Installed solutions: • Effisus Ecofacade SA-Edge • Effisus Breather+ • Effisus Easyrepair

Originally built in 1857 by the architect Antoine-Nicolas Bailly, the Longchamp racetrack is located on the property of the Abby of Longchamp. It extends throughout more than 57 hectares, between the Seine and the Bois de Boulogne. Inaugurated in 1857 by Napoleon III, the Longchamp Racecourse is home for horse racing. It has the capacity to host 12.000 spectators, who can enjoy the races and other complementary services.

On this project were used the following solutions: Effisus Ecofacade SA-EDGE membranes for façade connections weatherproofing; Effisus Breather Membranes and Effisus Easyrepair Membranes for effectively sealing building joints.

Stade de Lille **France**



Installed solutions: • Effisus Ecofacade • Effisus SealExpand XTRA

The Lille Stadium, with over 50 000 seats, was designed in a way so that the communication with the exterior would be possible, using lighting and screens in its facade. The stadium possesses a retractable roof that can open and close in 15 minutes, depending on climate conditions. Also, so that the stadium could have multiple functionalities, half of the pitch sits on top of a hydraulic elevator, that when raised, covers the remaining half of the pitch and exposes another pitch-level area with extra seating spaces.

Hudson Yards – New York USA



Installed solutions: • Effisus Ecofacade P-Fix

Hudson Yards is the largest private real estate development in the history of the U.S. Hudson Yards will dramatically transform a vast desolate space into New York's next great neighborhood. It will include more than 18 million square feet of commercial and residential space, state-of-the-art office towers, more than 100 shops, and a collection of restaurants. The plan for Hudson Yards is not just about erecting tall and spectacular towers; it is about creating dynamic spaces to be used and enjoyed by residents and workers, and a celebrated destination for visitors from across the City, the region and the world.

Requiring both design excellence and complex project planning and engineering, the new 28-acre neighborhood will be built on two platforms above the Long Island Rail Road rail yard, the country's busiest train.

Effisus Ecofacade P-Fix, a solution with clip-in gaskets for waterproofing facade connections, is being applied on site, improving the buildings' envelope efficiency and sustainability.

Apple Headquarters Cupertino USA



Installed solutions: • Effisus Easyrepair

Apple is one of the biggest companies in the world and has spent years building a new headquarters in Cupertino, California - the Apple Park.

Apple Park opened in 2017 and it is in to be the home of innovation for generations to come. The workspaces and parklands are designed to inspire the Apple team as well as benefit as most as possible the environment. Eighty percent of the site consists of green space planted with drought-resistant trees and plants indigenous to the Cupertino area. It is considered to be of the most energy-efficient buildings in the world.

Its circular design and extreme scale have earned a media nickname of "the spaceship".

Effisus Easyrepair was used on this project in order to seal intricate details on roofs and facades.



Madagascar Airport **Africa**



Installed solutions: • Effisus Titegutter3 • Effisus Easyrepair

Madagascar airport in Antananarivo is currently undergoing a major transformation, with the construction of a new international terminal and rehabilitation of runways and the existing terminal.

In this project, Effisus Titegutter3 solutions were used for sealing gutter joints with TRIPLE LEVEL waterproofing, and Effisus Easyrepair membranes for sealing several joints in the building envelope.

Canberra Airport **Australia**



Installed solutions: • Effisus Ecofacade

Canberra Airport is a major airport serving Australia's capital city, Canberra, located approximately 8 km from the city centre. The airport serves direct flights to most Australian state capitals and also has international connections to Qatar and Singapore.

In the last years, Canberra Airport announced that has spent \$350 million on a number of infrastructure projects: three new jet aircraft parking positions, two Structured Car Parks (each containing 1,000 parking spaces and an additional 450 spaces in two open-air car parks), a new Southern concourse Terminal and a Western concourse Terminal.

Effisus Ecofacade membrane was integrated at this project to ensure water and air tightness of façade's connections.



Innovative sealing solutions



Metal construction



Gutters: complete renewal or joints renewal



Effisus AllTiteGutter

Waterproofing liner for gutter repairs



Watch video

Effisus AllTiteGutter is a waterproofing membrane for the integral repair of deteriorated gutters. It is a very flexible and self-adhesive EPDM waterproofing membrane, featuring state of the art technology that brings everlasting sealing security to the most critical parts of the roof – gutters.

A gutter is usually the first area of a roof to get seriously damaged. At the same time, it is an area that is quite often difficult to repair with traditional methods or materials – there are limitations of space in which to work, sharp edges, high movements, etc. Effisus AllTiteGutter is the ideal solution to overcome such challenges and ensure a waterproof gutter, with an easy and quick installation method. Finish the job and get waterproof joints using Effisus Bond FT Tape.

Solution Benefits

Universal – Compatible with any gutter dimensions or configuration.

Flexible – Fully adapts to sharp edges or closed angles.

Durable – Resistant to UV and extreme temperature changes – service life of 50 years.

Robust – High elongation capacity.

Easy to apply – Self-adhesive membrane and accessories with no need for hot-welding.

Technical Characteristics

| Testing method | Value |
|---|----------------------------------|
| Watertightness - EN 1928 B | Pass 24h/60 KPa |
| Tear resistance - EN 13859-1/B | Cross direction 220N Length 238N |
| Impact resistance - EN 12691 A/B | 250mm (A), 1000mm (B) |
| Tensile strength, length direction - EN 13859-1/A | 720 N |
| Durability water tightness after artificial ageing - EN 1296 (12 weeks); EN 1928 (24h/60kPa) | Pass (12 weeks; 24h/60kPa) |
| Durability water tightness against chemicals - EN 1847 (28d/23°C); EN 1928B (24h/60kPa) | Pass (28d/23°C; 24h/60kPa) |

Supplying Information

| Code | Designation | Packaging |
|--------|---|-----------|
| 480015 | Effisus ALLTITEGUTTER 1.6mm x 500mm x 10m Membrane | Roll |
| 480016 | Effisus ALLTITEGUTTER 1.6mm x 600mm x 10m Membrane | Roll |
| 480013 | Effisus ALLTITEGUTTER 1.6mm x 1000mm x 10m Membrane | Roll |
| 480014 | Effisus ALLTITEGUTTER 1.6mm x 1600mm x 10m Membrane | Roll |

Other dimensions available upon request.

Please consult Upway to confirm accessories needs below:

| Code | Designation | Packaging |
|--------|--|-----------|
| 251202 | Effisus Bond FT 15.2cm x30.5m Tape | Roll |
| 300601 | Effisus Primer Coat SP 3,8l Primer | Tin |
| 210107 | Effisus Bonding KF+P Adhesive 600ml Adhesive | Tube |

Other dimensions available upon request.



Effsus TiteGutter3

Solution for sealing gutter joints



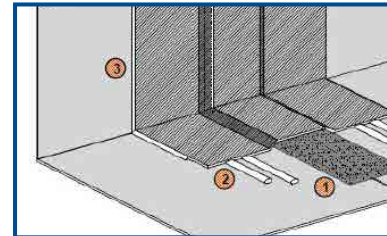
Effsus Titegutter3 is the innovative integrated system for sealing gutter joints. The system's efficiency and added value are guaranteed by its three waterproofing levels. Their properties give it the capacity to accommodate joint movements originated by structural or thermal expansion.

The system solves, in an efficient and sustainable manner, the common problems associated with gutters joint sealing. Due to its speed and ease of application, the job can be done without the need of specialised labour and its completion time is significantly reduced. With Effsus Titegutter3, one can reduce the probability of human error, reduce application time and ensure a gutters' waterproofness.

System Components

Three waterproofing levels:

- 1- Effsus 2Bond DS Tape
- 2- Effsus Ecofacade Membrane and Effsus Bonding KF+P Adhesive
- 3- Effsus Bonding KF+P Adhesive



Solution Benefits

- Robust – High elongation capacity - handles structural movement.
- Durable – Resistant to UV and extreme temperature changes.
- Universal – Compatible with any gutter dimension/configuration.
- Flexible – Complies with the requirements of different construction sites.
- Easy to install – Easy to handle materials and common use accessories

Technical Characteristics

| Testing method | Value (Effsus Ecofacade Membrane 1.30mm) |
|---|--|
| Watertightness - EN 1928 B | W1 |
| Water vapour properties, u - EN 1931 | 60.000 +/- 20.000 |
| Tensile strength - EN 12311-1 | 450 N/50mm |
| Elongation - EN 12311-1 | ≥ 500 % |
| Tear resistance - EN 12310-1 | ≥ 90 N |
| Foldability at low temperatures - EN 1109 | ≤ - 30°C |

Supplying Information

| Code | Designation | Packaging |
|--------|---|---------------------------------|
| 370001 | TiteGutter3 Kit - Industrial Gutter Joint Sealing Solution (20ml) | Kit 20ml (accessories included) |

Other dimensions available upon request.

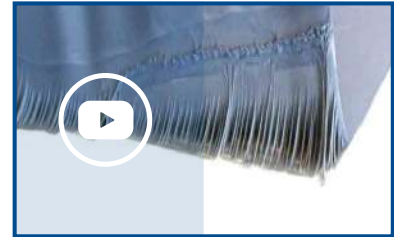
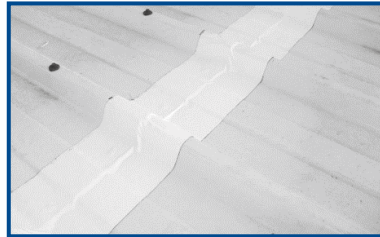


Sealing joints on metal roofs



Effisus Easyrepair

The ultimate leakage sealing solution for roofs and facades



Watch video

The self-adhesive Effisus Easyrepair Membrane is the ideal solution for sealing leaks on virtually all types of roofs and facades. It creates a waterproof, moisture, and airtight barrier, with no additional sealing required.



Active sealants technology

The Effisus Easyrepair Membrane uses an innovative technology with active sealants. This technology uses sealants that don't have double connections between their carbon atoms, which results in an extremely stable molecular structure - resistant to oxygen, ozone and extreme and continuous temperature variations. Through the encapsulation of a special primer, the adhesive "melts" on the surface to which it is applied. This originates an instant bonding, to most known materials used in construction.

Excellent Adhesiveness to the Following Materials:



Polycarbonate



Glass



Metal



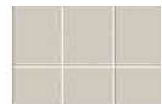
Natural stone



Concret



Plaster



Ceramic

Typical Applications

- Metallic coatings
- Flashing details
- Polycarbonate coatings
- Skylights

Solution Benefits

Resistant – Waterproof, UV resistant and flexible to -56°C.
 Universal – Compatible with different construction materials.
 Durable – Over 20 years of service life-expectancy.
 Flexible – Complies with the different installation requirements.
 Easy to install – Easy to handle and with no need for accessories.

Technical Characteristics

| Testing method | Value |
|-------------------------------|---------------|
| Adhesion | 9 kg |
| Temperature flexibility range | -56°C a +93°C |
| Elongation | >700% ± 100 |
| Tensile break | 31 (kPa) |

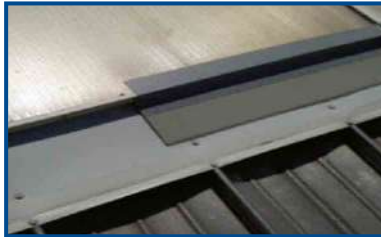
Supplying Information

| Code | Designation | Packaging |
|--------|--|-----------|
| 160202 | Effisus Easyrepair Gray Membrane 0.90mm; 10.0cm x 15.25m | Roll |
| 160203 | Effisus Easyrepair Gray Membrane 0.90mm; 15.2cm x 15.25m | Roll |

Other dimensions / options available upon request.

Effisus EverydaySeal XTRA

Multifunction butyl-based sealing tape



The Effisus Everydayseal XTRA tape is the efficient and sustainable solution for sealing multiple situations, in day-to-day building or rehabilitation works.

Effisus Everydayseal XTRA is a butyl-based tape with high tear, UV and water resistance, with high durability and superior grip with aluminium foil coating.

It is used for masking applications and for the sealing of insulations, pipework and ducts in HVAC applications. The tape provides a reliable sealing of metals, wood, and plastics as well as masonry and clean concrete surfaces.

Typical Applications :

- Sealing details on air-conditioning, heating or ventilation, pipes or ducts
- Sealing connections between insulation panels
- General repairs on gutters, downspouts, and others
- General repairs on metal roofs or facades
- Industrial applications
- General repairs

Solution Benefits

Robust – 100% waterproof, and UV resistant.

Universal – Different widths for different needs.

Durable – High life-expectancy and resists temperatures from -30°C to +80°C.

Flexible – Adapts to on-site demands.

Easy to apply – Simple to handle materials and no need for accessories.

Technical Characteristics

| Testing method | Value |
|-------------------------------------|----------------|
| Tensile strength - DIN EN 14410* | 100 N/25mm |
| Elongation at break - DIN EN 14410* | ≥ 40% |
| Peel strength - IPM 5009** | ≥ 15 N/25mm |
| Temperature range*** | -30°C to +80°C |

* According to the respective DIN

** At 100mm/min, 90° peel

*** At increasing temperature the adhesive mass may become softer and stickier

Supplying Information

| Code | Designation | Packaging |
|--------|--|-----------|
| 252404 | Effisus EverydaySeal XTRA Tape 0.6mm x 100mm x 10m Aluminium | Roll |
| 252423 | Effisus EverydaySeal XTRA Tape 0,6mm x 200mm x 10m Aluminium | Roll |
| 252425 | Effisus EverydaySeal XTRA Tape 0.6mm x 300mm x 10m Aluminium | Roll |
| 252405 | Effisus EverydaySeal XTRA Tape 0.6mm x 500mm x 10m Aluminium | Roll |

Other dimensions available upon request.



Effisus Bond FT

The solution for flashing details on metal roofs



Watch video

Effisus Bond FT Tape is the ideal solution for permanently sealing flashing details on metal roofs of any type, saving time and labour. It offers a superior performance. Effisus Bond FT Tape's unique elongation capacity and flexibility guarantees that it can be formed to fit irregular shapes and surfaces, with no need for mechanical fastening, torch, or extra adhesives.

Effisus Bond FT Tape consists of an uncured EPDM membrane that has been laminated to an EPDM-based pressure-sensitive tape adhesive, integrating a proven peel & stick technology. After curing, the tape is extremely resistant to moisture, UV, temperature changes, and structural movements.

Typical Applications

- Skylights
- Parapet walls
- Facades
- Large round ducts
- Chimneys

Solution Benefits

- Universal – Forms itself to fit any irregular shape or surface.
- Resistant – High elongation capacity, handles expansion and structural movements.
- Durable – Resistant to high temperatures, UV, and moisture.
- Flexible – Complies with different project requirements.
- Easy to install – Easy to handle materials and common use accessories.

Technical Characteristics

| Testing method | Value |
|---|---------------|
| Base Polymer (flashing & tape) – FTIR | EPDM |
| Tensile strength (uncured) – ASTM D 412 Die C | 250 psi max. |
| Elongation (uncured) - ASTM D 412 Die C | 600% min. |
| Peel strength - ASTM D 413 | 10 pli @ 21°C |
| Shear strength - ASTM D 816 | 20 psi @ 21°C |

Supplying Information

| Code | Designation | Packaging |
|--------|-------------------------------------|-----------|
| 251205 | Effisus Bond FT Tape 15.25cm x 15m | Roll |
| 251204 | Effisus Bond FT Tape 30.50cm x 15m | Roll |
| 251206 | Effisus Bond FT Tape 45.70cm x 15m | Roll |
| 300601 | Effisus Primer Coat SP 3,8l | Can |
| 210107 | Effisus Bonding KF+P Adhesive 600ml | Tube |

Other dimensions available upon request.

Effisus 2Bond DS

Solution for sealing nail/screw perforations



Watch video

Effisus 2Bond DS Tape is an efficient and sustainable bi-adhesive solution for sealing between two surfaces or for sealing perforations / connections on roofs or facades. It is a permanent waterproof sealant, moulding to any shape or thickness desired.



Active sealants technology

Effisus 2Bond DS uses an innovative technology with active sealants. The sealants don't have double bonds between their carbon atoms, which results in an extremely stable molecular structure. This makes it resistant to oxygen, ozone, and extreme and continuous temperature variations. Through the encapsulation of a special primer an adhesive is obtained that "melts" with the surface on which it is applied.

Typical Applications:

- Sealing bracket fixing points
- Sealing fixing points on termination bars or lifelines
- Sealing between multiple profiles
- Sealing overlapping joints of metal cladding

Solution Benefits

- Robust – Waterproof, UV resistant and flexible from -56°C to +93°C.
- Universal – Compatible with different construction materials: polycarbonate, glass, metals.
- Durable – Life expectancy of over 20 years.
- Flexible – Adapts to the needs of different construction situations.
- Easy to apply – Simple to use and with no need for extra accessories.

Technical Characteristics

| Testing method | Value |
|------------------------------|---|
| Adhesion | 9 kg |
| Elongation | > 500% ± 100 |
| Low temperature flexibility | 1.7mm radius at -34.4°C |
| Low temperature range | -56°C to +93°C |
| Water vapour test - ASTM 96B | 0.005grs/254cm ² /24hrs/37°C |

Supplying Information

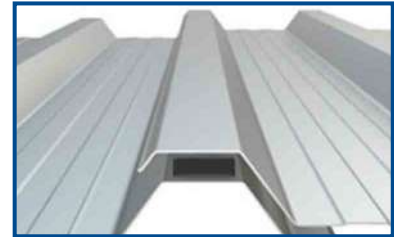
| Code | Designation | Packaging |
|--------|---|-----------|
| 250808 | Effisus 2Bond DS Tape 1.54mm; 2.5cm x 15.25m | Roll |
| 250801 | Effisus 2Bond DS Tape 1.54mm; 5.0cm x 15.25m | Roll |
| 250802 | Effisus 2Bond DS Tape 1.54mm; 7.6cm x 15.25m | Roll |
| 250803 | Effisus 2Bond DS Tape 1.54mm; 10.0cm x 15.25m | Roll |

Other dimensions available upon request.



Effsus 2Bond GO

Multifunctional double-sided butyl tape



The Effsus 2Bond GO tape is the innovative solution for day-to-day building or rehabilitation works. The solution's high performance and added value are guaranteed, not only, due to its strict quality control process, but also, due to its high-quality constituents. It's free of harmful substances, such as solvents, chlorine, heavy metals and others. The solution's post production quality is assured by its silicon-based film coating.

Effsus 2Bond GO promotes the protection of construction materials, protecting from condensation and leaks, whilst also improving the energy efficiency of systems and solutions. It adheres perfectly to vapour barriers, weatherproofing membranes, and most construction materials.

Typical Applications:

- Sealing connections between two surfaces
- Sealing perforations / penetrations
- Sealing joints and perimeter connections of vapour barriers and weatherproofing membranes
- Sealing connections between insulation boards
- Repairs

Solution Benefits

Robust – 100% waterproof, UV resistant and excellent adhesiveness.

Universal – Different widths for different needs.

Durable – High life-expectancy.

Flexible – Adapts to on-site demands.

Easy to apply – Simple to handle materials and no need for accessories.

Technical Characteristics

| Testing method | Value |
|--------------------------|---|
| Total thickness | 1.0mm |
| Water resistance | Lasting resistance |
| Ageing resistance | Very high |
| Peel strength - IPM 5009 | ≥ 15 N / 25mm (100mm/min, 90°C peeling) |
| Temperature range | -30°C to +80°C |

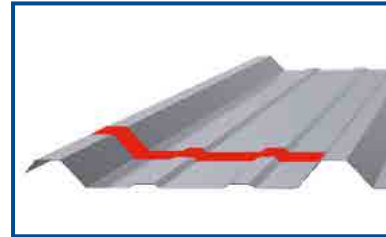
Supplying Information

| Code | Designation | Packaging |
|--------|--|-----------|
| 250103 | Effsus 2Bond GO Tape 1.0mm; 20mm x 30m | Roll |

Other dimensions available upon request.

Effisus SealExpand XTRA

Impregnated joint-sealing tape



The Effisus SealExpand XTRA tape is the efficient solution for sealing joints and perimeters. It's ideal for use in new buildings or rehabilitation works. The tape's properties offer excellent expandability and permanent elasticity, which enable it to absorb movements during the different phases of a building's lifecycle. Moreover, the tape is resistant to UV radiation and rainwater with pressures up to 600Pa. All this, without the need for additional coatings or sealants.

Effisus SealExpand XTRA's added value is due its thermal and acoustic insulation properties, which not only increase energy efficiency, but also improve the quality of a buildings' interior spaces.

Typical Applications:

- Prefabricated construction in concrete or other materials
- Sealing perimeters of frames (windows/doors)
- Skylights
- Cladding Panels
- Curtain Walls

Solution Benefits

Robust – Waterproof, UV resistant and permanent flexibility. Temperature range between -30°C and +90°C.

Universal – Different widths for different needs. Adapts to joint irregularities.

Durable – Expected lifetime of more than 20 years.

Flexible – Adapts to on-site demands.

Easy to apply – Simple to handle materials and no need for accessories, solvents and or harmful materials.

Technical Characteristics

| Testing method | Value |
|---|-----------------------|
| Resistance to driving rain - DIN EN 1027 | ≥ 600 Pa |
| Temperature-change resistance - DIN 18542 | -30°C a +90°C |
| Fire reaction - DIN 4102 | B1 (fire resistant) |
| Water vapour permeability - DIN EN 12572 | μ ≤ 100 |
| Sd- value - DIN EN 12572 | ≤ 0.5 para 50mm width |

Supplying Information

| Code | Designation | Packaging |
|--------|---|-----------|
| 100631 | Effisus SealExpand Xtra600 Tape Gray 15 / 1-4 x 10m | Roll |
| 100633 | Effisus SealExpand Xtra600 Tape Gray 15 / 2-6 x 8m | Roll |
| 100636 | Effisus SealExpand Xtra600 Tape Gray 15 / 4-9 x 8m | Roll |
| 100640 | Effisus SealExpand Xtra600 Tape Gray 20 / 5-12 x 8m | Roll |
| 100643 | Effisus SealExpand Xtra600 Tape Gray / 6-15 x 6m | Roll |
| 100645 | Effisus SealExpand Xtra600 Tape Gray / 9-20 x 4m | Roll |

Other dimensions available upon request.



Sealing penetrations/ crossings on the building envelope



Effisus Stopper MR

Flashing solution for metal roof penetrations



Watch video

Effisus Stopper MR is the efficient and sustainable solution for permanently sealing metal roof penetrations, with diameters from 3 to 750mm. It combines with its EPDM or Silicone composition, a base edged with aluminium strands that easily adapts to virtually any metal roof profile configuration.

Permanently flexible it absorbs vibrations and movements. The different design options available, makes a perfect fit for the different requirements of each project.

Typical applications

- Air conditioning pipes
- Ventilation ducts
- Chimneys
- Antennas
- Electric cables
- Photovoltaic system cables
- Equipment holders

Solution Benefits

Easy to install - Easy and fast installation.

Robust - Waterproof, UV resistant and temperatures from -60°C to + 200°C.

Universal - Fits any profile. Sealing of penetrations from 5 to 750mm. Different options of design for different needs.

Flexible - Absorbs movement and vibration of the roof.

Economical - A fraction of the cost of conventional solutions.

Technical Characteristics

| Testing method | Black | Gray | High Temperature |
|--------------------------------------|----------------|----------------|------------------|
| Tensile strength (Mpa min) - D412 | 10.5 | 10.5 | 8.5 |
| Elongation at break (% min) - D412 | 650 | 650 | 525 |
| Tear strength L (kN/m min) - D624 | 31.5 | 32 | 22 |
| Resistance to ozone - D1171 | Pass | Pass | Pass |
| Accelerated ageing test* - SAE J1960 | Pass | Pass | Pass |
| Resistance to constant temperature | -50°C to 115°C | -50°C to 115°C | -60°C to 200°C |

Supplying Information

| Code | Designation | Packaging |
|--------|--|---------------------------------|
| 422503 | Effisus Stopper MR Combo 5-127mm Black + Clips | Kit 10un (accessories included) |
| 422504 | Effisus Stopper MR Combo 75-175mm Black + Clips | Kit 5un (accessories included) |
| 422508 | Effisus Stopper MR Combo 175-330mm Black + Clips | Kit 5un (accessories included) |
| 422509 | Effisus Stopper MR Combo 240-503mm Black + Clips | Kit 5un (accessories included) |
| 422510 | Effisus Stopper MR Combo 400-750mm Black + Clips | Kit 1un (accessories included) |

Other dimensions / options available upon request.





Watch video

Effsus Bond FT Tape is the ideal solution for permanently sealing flashing details on metal roofs of any type, saving time and labour. It offers a superior performance. Effsus Bond FT Tape's unique elongation capacity and flexibility guarantees that it can be formed to fit irregular shapes and surfaces, with no need for mechanical fastening, torch, or extra adhesives.

Effsus Bond FT Tape consists of an uncured EPDM membrane that has been laminated to an EPDM-based pressure-sensitive tape adhesive, integrating a proven peel & stick technology. After curing, the tape is extremely resistant to moisture, UV, temperature changes, and structural movements.

Typical Applications:

- Skylights
- Parapet walls
- Facades
- Large round ducts
- Chimneys

Solution Benefits

- Universal – Forms itself to fit any irregular shape or surface.
- Resistant – High elongation capacity, handles expansion and structural movements.
- Durable – Resistant to high temperatures, UV, and moisture.
- Flexible – Complies with different project requirements.
- Easy to install – Easy to handle materials and common use accessories.

Características Técnicas

| Testing method | Value |
|---|---------------|
| Base Polymer (flashing & tape) – FTIR | EPDM |
| Tensile strength (uncured) – ASTM D 412 Die C | 250 psi max. |
| Elongation (uncured) - ASTM D 412 Die C | 600% min. |
| Peel strength - ASTM D 413 | 10 pli @ 21°C |
| Sheer strength - ASTM D 816 | 20 psi @ 21°C |

Supplying Information

| Code | Designation | Packaging |
|--------|------------------------------------|-----------|
| 251205 | Effsus Bond FT Tape 15.25cm x 15m | Roll |
| 251204 | Effsus Bond FT Tape 30.50cm x 15m | Roll |
| 251206 | Effsus Bond FT Tape 45.70cm x 15m | Roll |
| 300601 | Effsus Primer Coat SP 3,8l | Can |
| 210107 | Effsus Bonding KF+P Adhesive 600ml | Tube |

Other dimensions available upon request.



Effisus Cobra

Sealing solution for flashing details on metal roofs



Effisus Cobra is the ideal solution for permanently sealing flashing details, on metal roofs. Its unique elongation capacity guarantees that it will perfectly fit and adapt to any metal roof profile. Effisus Cobra combines its EPDM composition with two aluminium strands, embedded in both of its edges. This combination allows the membrane to combine the elongation capacity and remaining exceptional properties of the EPDM, to the adaptability and memory capacity of the aluminium strands.

Typical applications

- Skylights
- Square ducts
- Large round ducts
- Parapet walls
- Facades
- Chimneys
- Expansion joints

Solution Benefits

- Robust - High elongation capacity, handles expansion and structural movements.
- Universal - Compatible with any type of metallic coating or roof profile.
- Durable - Resistant to weather variations, UV, and ozone.
- Flexible - Complies with different project requirements.
- Easy to install - Easy to handle materials and common use accessories

Technical Characteristics

| Testing method | Value |
|--|---|
| Tensile strength - ASTM D412 | 2 Mpa (290 psi) min. |
| Elongation at break - ASTM 412 A/C | 700% min. |
| Resistance to ozone (C12) - ASTM D1171 | 100% quality retention (70 HRS @ 38 °C @ 50 pphm) |
| Foldability at low temperatures (F17) - ASTM D2137 | No cracking 3 min @ -40 °C |
| Shear strength (Z6) - ASTM 624 DIE C | 200 Psi Min. |

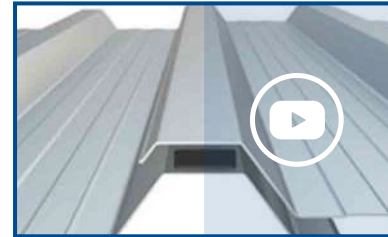
Supplying Information

| Code | Designation | Packaging |
|--------|---------------------------------|----------------------------------|
| 410102 | Kit Effisus Cobra 280mm x 10.0m | Kit 10.0m (accessories included) |

Other dimensions available upon request.

Effsus 2Bond DS

Solution for sealing nail/screw perforations



Watch video

Effsus 2Bond DS Tape is an efficient and sustainable bi-adhesive solution for sealing between two surfaces or for sealing perforations / connections on roofs or facades. It is a permanent waterproof sealant, moulding to any shape or thickness desired.



Active sealants technology

Effsus 2Bond DS uses an innovative technology with active sealants. The sealants don't have double bonds between their carbon atoms, which results in an extremely stable molecular structure. This makes it resistant to oxygen, ozone, and extreme and continuous temperature variations. Through the encapsulation of a special primer an adhesive is obtained that "melts" with the surface on which it is applied.

Typical Applications:

- Sealing bracket fixing points
- Sealing fixing points on termination bars or lifelines
- Sealing between multiple profiles
- Sealing overlapping joints of metal cladding

Solution Benefits

- Robust – Waterproof, UV resistant and flexible from -56°C to +93°C.
- Universal – Compatible with different construction materials: polycarbonate, glass, metals.
- Durable – Life expectancy of over 20 years.
- Flexible – Adapts to the needs of different construction situations.
- Easy to apply – Simple to use and with no need for extra accessories.

Technical Characteristics

| Testing method | Value |
|------------------------------|----------------------------|
| Adhesion | 9 kg |
| Elongation | > 500% ± 100 |
| Low temperature flexibility | 1.7mm radius at -34.4°C |
| Low temperature range | -56°C to +93°C |
| Water vapour test - ASTM 96B | 0.005grs/254cm2/24hrs/37°C |

Supplying Information

| Testing method | Value |
|---|---------------|
| Base Polymer (flashing & tape) - FTIR | EPDM |
| Tensile strength (uncured) - ASTM D 412 Die C | 250 psi max. |
| Elongation (uncured) - ASTM D 412 Die C | 600% min. |
| Peel strength - ASTM D 413 | 10 pli @ 21°C |
| Sheer strength - ASTM D 816 | 20 psi @ 21°C |

Other dimensions available upon request.



Sealing flashing details on skylights



Effisus Bond FT

The solution for flashing details on metal roofs



Watch video

Effisus Bond FT Tape is the ideal solution for permanently sealing flashing details on metal roofs of any type, saving time and labour. It offers a superior performance. Effisus Bond FT Tape's unique elongation capacity and flexibility guarantees that it can be formed to fit irregular shapes and surfaces, with no need for mechanical fastening, torch, or extra adhesives.

Effisus Bond FT Tape consists of an uncured EPDM membrane that has been laminated to an EPDM-based pressure-sensitive tape adhesive, integrating a proven peel & stick technology. After curing, the tape is extremely resistant to moisture, UV, temperature changes, and structural movements.

Typical Applications:

- Skylights
- Parapet walls
- Facades
- Large round ducts
- Chimneys

Solution Benefits

- Universal – Forms itself to fit any irregular shape or surface.
- Resistant – High elongation capacity, handles expansion and structural movements.
- Durable – Resistant to high temperatures, UV, and moisture.
- Flexible – Complies with different project requirements.
- Easy to install – Easy to handle materials and common use accessories.

Technical Characteristics

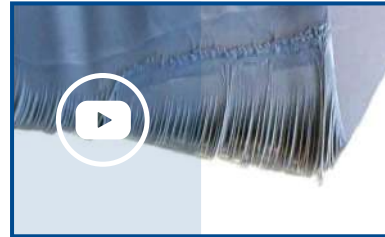
| Testing method | Value |
|---|---------------|
| Base Polymer (flashing & tape) – FTIR | EPDM |
| Tensile strength (uncured) – ASTM D 412 Die C | 250 psi max. |
| Elongation (uncured) - ASTM D 412 Die C | 600% min. |
| Peel strength - ASTM D 413 | 10 pli @ 21°C |
| Shear strength - ASTM D 816 | 20 psi @ 21°C |

Supplying Information

| Code | Designation | Packaging |
|--------|-------------------------------------|-----------|
| 251205 | Effisus Bond FT Tape 15.25cm x 15m | Roll |
| 251204 | Effisus Bond FT Tape 30.50cm x 15m | Roll |
| 251206 | Effisus Bond FT Tape 45.70cm x 15m | Roll |
| 300601 | Effisus Primer Coat SP 3,8l | Can |
| 210107 | Effisus Bonding KF+P Adhesive 600ml | Tube |

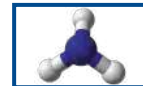
Other dimensions available upon request.





Watch video

The self-adhesive Effsus Easyrepair Membrane is the ideal solution for sealing leaks on virtually all types of roofs and facades. It creates a waterproof, moisture, and airtight barrier, with no additional sealing required.



Active sealants technology

The Effsus Easyrepair Membrane uses an innovative technology with active sealants. This technology uses sealants that don't have double connections between their carbon atoms, which results in an extremely stable molecular structure - resistant to oxygen, ozone and extreme and continuous temperature variations. Through the encapsulation of a special primer, the adhesive "melts" on the surface to which it is applied. This originates an instant bonding, to most known materials used in construction.

Excellent Adhesiveness to the Following Materials:



Polycarbonate



Glass



Metal



Natural stone



Concret



Plaster



Ceramic

Typical Applications :

- Metallic coatings
- Flashing details
- Polycarbonate coatings
- Skylights

Solution Benefits

- Resistant – Waterproof, UV resistant and flexible to -56°C.
- Universal – Compatible with different construction materials.
- Durable – Over 20 years of service life-expectancy.
- Flexible – Complies with the different installation requirements.
- Easy to install – Easy to handle and with no need for accessories.

Technical Characteristics

| Testing method | Value |
|-------------------------------|---------------|
| Adhesion | 9 kg |
| Temperature flexibility range | -56°C a +93°C |
| Elongation | >700% ± 100 |
| Tensile break | 31 (kPa) |

Supplying Information

| Code | Designation | Packaging |
|--------|---|-----------|
| 160202 | Effsus Easyrepair Gray Membrane 0.90mm; 10.0cm x 15.25m | Roll |
| 160203 | Effsus Easyrepair Gray Membrane 0.90mm; 15.2cm x 15.25m | Roll |

Other dimensions / options available upon request.

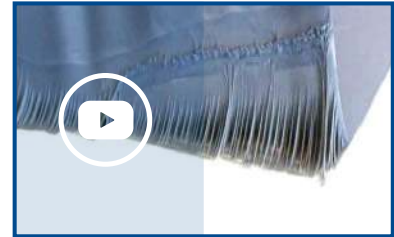


Sealing joints on polycarbonates or between polycarbonates and metal



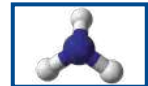
Effisus Easyrepair

The ultimate leakage sealing solution for roofs and facades



Watch video

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Excellent Adhesiveness to the Following Materials:



Polycarbonate



Glass



Metal



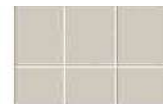
Natural stone



Concret



Plaster



Ceramic

Typical Applications :

- Metallic coatings
- Flashing details
- Polycarbonate coatings
- Skylights

Solution Benefits

Resistant – Waterproof, UV resistant and flexible to -56°C.
 Universal – Compatible with different construction materials.
 Durable – Over 20 years of service life-expectancy.
 Flexible – Complies with the different installation requirements.
 Easy to install – Easy to handle and with no need for accessories.

Technical Characteristics

| Testing method | Value |
|-------------------------------|---------------|
| Adhesion | 9 kg |
| Temperature flexibility range | -56°C a +93°C |
| Elongation | >700% ± 100 |
| Tensile break | 31 (kPa) |

Supplying Information

| Code | Designation | Packaging |
|--------|--|-----------|
| 160202 | Effisus Easyrepair Gray Membrane 0.90mm; 10.0cm x 15.25m | Roll |
| 160203 | Effisus Easyrepair Gray Membrane 0.90mm; 15.2cm x 15.25m | Roll |

Other dimensions available upon request.



Sealing flashing details



Effisus Bond FT

The solution for flashing details on metal roofs



Watch video

Effisus Bond FT Tape is the ideal solution for permanently sealing flashing details on metal roofs of any type, saving time and labour. It offers a superior performance. Effisus Bond FT Tape's unique elongation capacity and flexibility guarantees that it can be formed to fit irregular shapes and surfaces, with no need for mechanical fastening, torch, or extra adhesives.

Effisus Bond FT Tape consists of an uncured EPDM membrane that has been laminated to an EPDM-based pressure-sensitive tape adhesive, integrating a proven peel & stick technology. After curing, the tape is extremely resistant to moisture, UV, temperature changes, and structural movements.

Typical Applications:

- Skylights
- Parapet walls
- Facades
- Large round ducts
- Chimneys

Solution Benefits

- Universal – Forms itself to fit any irregular shape or surface.
- Resistant – High elongation capacity, handles expansion and structural movements.
- Durable – Resistant to high temperatures, UV, and moisture.
- Flexible – Complies with different project requirements.
- Easy to install – Easy to handle materials and common use accessories.

Technical Characteristics

| Testing method | Value |
|---|---------------|
| Base Polymer (flashing & tape) – FTIR | EPDM |
| Tensile strength (uncured) – ASTM D 412 Die C | 250 psi max. |
| Elongation (uncured) - ASTM D 412 Die C | 600% min. |
| Peel strength - ASTM D 413 | 10 pli @ 21°C |
| Shear strength - ASTM D 816 | 20 psi @ 21°C |

Supplying Information

| Code | Designation | Packaging |
|--------|-------------------------------------|-----------|
| 251205 | Effisus Bond FT Tape 15.25cm x 15m | Roll |
| 251204 | Effisus Bond FT Tape 30.50cm x 15m | Roll |
| 251206 | Effisus Bond FT Tape 45.70cm x 15m | Roll |
| 300601 | Effisus Primer Coat SP 3,8l | Can |
| 210107 | Effisus Bonding KF+P Adhesive 600ml | Tube |

Other dimensions available upon request.



Civil construction



Flat roofs

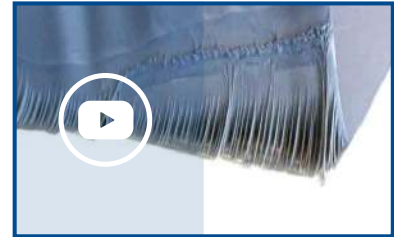


Sealing joints on flat roofs



Effisus Easyrepair

The ultimate leakage sealing solution for roofs and facades



Watch video

The self-adhesive Effisus Easyrepair Membrane is the ideal solution for sealing leaks on virtually all types of roofs and facades. It creates a waterproof, moisture, and airtight barrier, with no additional sealing required.



Active sealants technology

The Effisus Easyrepair Membrane uses an innovative technology with active sealants. This technology uses sealants that don't have double connections between their carbon atoms, which results in an extremely stable molecular structure - resistant to oxygen, ozone and extreme and continuous temperature variations. Through the encapsulation of a special primer, the adhesive "melts" on the surface to which it is applied. This originates an instant bonding, to most known materials used in construction.

Excellent Adhesiveness to the Following Materials:



Polycarbonate



Glass



Metal



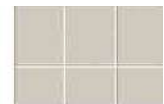
Natural stone



Concret



Plaster



Ceramic

Typical Applications :

- Metallic coatings
- Flashing details
- Polycarbonate coatings
- Skylights

Solution Benefits

Resistant – Waterproof, UV resistant and flexible to -56°C.
 Universal – Compatible with different construction materials.
 Durable – Over 20 years of service life-expectancy.
 Flexible – Complies with the different installation requirements.
 Easy to install – Easy to handle and with no need for accessories.

Technical Characteristics

| Testing method | Value |
|-------------------------------|---------------|
| Adhesion | 9 kg |
| Temperature flexibility range | -56°C a +93°C |
| Elongation | >700% ± 100 |
| Tensile break | 31 (kPa) |

Supplying Information

| Code | Designation | Packaging |
|--------|--|-----------|
| 160202 | Effisus Easyrepair Gray Membrane 0.90mm; 10.0cm x 15.25m | Roll |
| 160203 | Effisus Easyrepair Gray Membrane 0.90mm; 15.2cm x 15.25m | Roll |

Other dimensions available upon request.





Sealing penetrations/ crossings on flat roofs



Effisus Stopper

Penetration sealing solution for roofs and facades



Watch video

Effisus Stopper is an innovative solution for sealing penetrations of any size or configuration, on flat surfaces. Effisus Stopper can be installed on the most common façade surfaces: concrete, metal, EPDM, or other waterproofing membranes.

It is an extremely versatile and efficient sealing solution, with precast moulds and innovative sealants, is long lasting, and adaptable to any configuration. It is quick and easy to install, with no need for mechanical fastening.

Typical Applications

Sealing of:

- General façade perforations / penetrations
- Façade penetrations from metal profiles
- Passages of cables, pipes, or ducts

Solution Benefits

Easy to install – Installation in under 15 minutes

Resistant – Waterproof, UV, and ozone stable, resistant to ice and standing water

Universal – Compatible with all general construction materials (concrete, metal, TPO, PVC, EPDM, Bitumen, etc.)

Flexible design – Adaptable to penetrations with any size or configuration

Economical – At a fraction of the cost of traditional solutions

Technical Characteristics

Effisus Stopper is composed of:

Effisus Stopper 1-P Sealant – a moisture curing, pourable sealant designed for use in pitch pans and warranted Effisus Stopper CE/EC penetration seals

Effisus Stopper M-1 Sealant – a moisture cure, non-slump multi-purpose structural adhesive/sealant, which forms a tough elastic waterproof seal on most roofing materials

Effisus Stopper EC/CE Curb – precast forms composed of grey polyester resin

Supplying Information

| Code | Designation | Packaging |
|--------|---|-----------|
| 200007 | Effisus Stopper EC Circular Fechado 10.0cm Gray | Curb |
| 200002 | Effisus Stopper EC Circular Fechado 15.0cm Gray | Curb |
| 200003 | Effisus Stopper EC Circular Fechado 22.5cm Gray | Curb |
| 200015 | Effisus Stopper EC Extensão 7.6cm Gray | Curb |
| 200009 | Effisus Stopper EC Extensão 20.0cm Gray | Curb |
| 200011 | Effisus Stopper EC Canto 5.0cm Gray | Curb |
| 200203 | Effisus Stopper 1-P 1890ml Gray | Pouche |
| 200301 | Effisus Stopper M-1 300ml Gray | Cartridge |

Other dimensions available upon request.

Effisus 2Bond DS

Solution for sealing nail/screw perforations



Watch Video

Effisus 2Bond DS Tape is an efficient and sustainable bi-adhesive solution for sealing between two surfaces or for sealing perforations / connections on roofs or facades. It is a permanent waterproof sealant, moulding to any shape or thickness desired.

Active sealants technology

Effisus 2Bond DS uses an innovative technology with active sealants. The sealants don't have double bonds between their carbon atoms, which results in an extremely stable molecular structure. This makes it resistant to oxygen, ozone, and extreme and continuous temperature variations. Through the encapsulation of a special primer an adhesive is obtained that "melts" with the surface on which it is applied.



Typical Applications

- Sealing bracket fixing points
- Sealing fixing points on termination bars or lifelines
- Sealing between multiple profiles
- Sealing overlapping joints of metal cladding

Solution Benefits

- Robust – Waterproof, UV resistant and flexible from -56°C to +93°C.
- Universal – Compatible with different construction materials: polycarbonate, glass, metals.
- Durable – Life expectancy of over 20 years.
- Flexible – Adapts to the needs of different construction situations.
- Easy to apply – Simple to use and with no need for extra accessories.

Technical Characteristics

| Testing method | Value |
|------------------------------|---|
| Adhesion | 9 kg |
| Elongation | > 500% ± 100 |
| Low temperature flexibility | 1.7mm radius at -34.4°C |
| Low temperature range | -56°C to +93°C |
| Water vapour test - ASTM 96B | 0.005grs/254cm ² /24hrs/37°C |

Supplying Information

| Code | Designation | Packaging |
|--------|---|-----------|
| 250808 | Effisus 2Bond DS Tape 1.54mm; 2.5cm x 15.25m | Roll |
| 250801 | Effisus 2Bond DS Tape 1.54mm; 5.0cm x 15.25m | Roll |
| 250802 | Effisus 2Bond DS Tape 1.54mm; 7.6cm x 15.25m | Roll |
| 250803 | Effisus 2Bond DS Tape 1.54mm; 10.0cm x 15.25m | Roll |

Other dimensions available upon request.



Facades



Sealing joints on facades



Effisus SealExpand XTRA

Impregnated joint-sealing tape



The Effisus SealExpand XTRA tape is the efficient solution for sealing joints and perimeters. It's ideal for use in new buildings or rehabilitation works. The tape's properties offer excellent expandability and permanent elasticity, which enable it to absorb movements during the different phases of a building's lifecycle. Moreover, the tape is resistant to UV radiation and rainwater with pressures up to 600Pa. All this, without the need for additional coatings or sealants.

Effisus SealExpand XTRA's added value is due its thermal and acoustic insulation properties, which not only increase energy efficiency, but also improve the quality of a buildings' interior spaces.

Typical Applications

- Prefabricated construction in concrete or other materials
- Sealing perimeters of frames (windows/doors)
- Skylights
- Cladding Panels
- Curtain Walls

Solution Benefits

Robust – Waterproof, UV resistant and permanent flexibility. Temperature range between -30°C and +90°C.

Universal – Different widths for different needs. Adapts to joint irregularities.

Durable – Expected lifetime of more than 20 years.

Flexible – Adapts to on-site demands.

Easy to apply – Simple to handle materials and no need for accessories, solvents and or harmful materials.

Technical Characteristics

| Testing method | Value |
|---|-----------------------|
| Resistance to driving rain - DIN EN 1027 | ≥ 600 Pa |
| Temperature-change resistance - DIN 18542 | -30°C a +90°C |
| Fire reaction - DIN 4102 | B1 (fire resistant) |
| Water vapour permeability - DIN EN 12572 | μ ≤ 100 |
| Sd- value - DIN EN 12572 | ≤ 0.5 para 50mm width |

Supplying Information

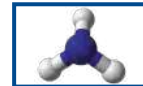
| Code | Designation | Packaging |
|--------|---|-----------|
| 100631 | Effisus SealExpand Xtra600 Tape Gray 15 / 1-4 x 10m | Roll |
| 100633 | Effisus SealExpand Xtra600 Tape Gray 15 / 2-6 x 8m | Roll |
| 100636 | Effisus SealExpand Xtra600 Tape Gray 15 / 4-9 x 8m | Roll |
| 100640 | Effisus SealExpand Xtra600 Tape Gray 20 / 5-12 x 8m | Roll |
| 100643 | Effisus SealExpand Xtra600 Tape Gray / 6-15 x 6m | Roll |
| 100645 | Effisus SealExpand Xtra600 Tape Gray / 9-20 x 4m | Roll |

Other dimensions available upon request.



Watch Video

The self-adhesive Effsus Easyrepair Membrane is the ideal solution for sealing leaks on virtually all types of roofs and facades. It creates a waterproof, moisture, and airtight barrier, with no additional sealing required.



Active sealants technology

The Effsus Easyrepair Membrane uses an innovative technology with active sealants. This technology uses sealants that don't have double connections between their carbon atoms, which results in an extremely stable molecular structure - resistant to oxygen, ozone and extreme and continuous temperature variations. Through the encapsulation of a special primer, the adhesive "melts" on the surface to which it is applied. This originates an instant bonding, to most known materials used in construction.

Excellent Adhesiveness to the Following Materials



Polycarbonate



Glass



Metal



Natural stone



Concrete



Plaster



Ceramic

Typical Applications

- Metallic coatings
- Flashing details
- Polycarbonate coatings
- Skylights

Solution Benefits

Resistant – Waterproof, UV resistant and flexible to -56°C.
 Universal – Compatible with different construction materials.
 Durable – Over 20 years of service life-expectancy.
 Flexible – Complies with the different installation requirements.
 Easy to install – Easy to handle and with no need for accessories.

Technical Characteristics

| Testing method | Value |
|-------------------------------|---------------|
| Adhesion | 9 kg |
| Temperature flexibility range | -56°C a +93°C |
| Elongation | >700% ± 100 |
| Tensile break | 31 (kPa) |

Supplying Information

| Code | Designation | Packaging |
|--------|---|-----------|
| 160202 | Effsus Easyrepair Gray Membrane 0.90mm; 10.0cm x 15.25m | Roll |
| 160203 | Effsus Easyrepair Gray Membrane 0.90mm; 15.2cm x 15.25m | Roll |

Other dimensions / options available upon request.



Sealing penetrations/ crossings on facades



Effisus Stopper

Penetration sealing solution for roofs and facades



Watch Video

Effisus Stopper is an innovative solution for sealing penetrations of any size or configuration, on flat surfaces. Effisus Stopper can be installed on the most common façade surfaces: concrete, metal, EPDM, or other waterproofing membranes.

It is an extremely versatile and efficient sealing solution, with precast moulds and innovative sealants, is long lasting, and adaptable to any configuration. It is quick and easy to install, with no need for mechanical fastening.

Typical Applications

Sealing of:

- General façade perforations / penetrations
- Façade penetrations from metal profiles
- Passages of cables, pipes, or ducts

Solution Benefits

Easy to install – Installation in under 15 minutes

Resistant – Waterproof, UV, and ozone stable, resistant to ice and standing water

Universal – Compatible with all general construction materials (concrete, metal, TPO, PVC, EPDM, Bitumen, etc.)

Flexible design – Adaptable to penetrations with any size or configuration

Economical – At a fraction of the cost of traditional solutions

Technical Characteristics

Effisus Stopper is composed of:

Effisus Stopper 1-P Sealant – a moisture curing, pourable sealant designed for use in pitch pans and warranted Effisus Stopper CE/EC penetration seals

Effisus Stopper M-1 Sealant – a moisture cure, non-slump multi-purpose structural adhesive/sealant, which forms a tough elastic waterproof seal on most roofing materials

Effisus Stopper EC/CE Curb – precast forms composed of grey polyester resin

Supplying Information

| Code | Designation | Packaging |
|--------|---|-----------|
| 200007 | Effisus Stopper EC Circular Fechado 10.0cm Gray | Curb |
| 200002 | Effisus Stopper EC Circular Fechado 15.0cm Gray | Curb |
| 200003 | Effisus Stopper EC Circular Fechado 22.5cm Gray | Curb |
| 200015 | Effisus Stopper EC Extensão 7.6cm Gray | Curb |
| 200009 | Effisus Stopper EC Extensão 20.0cm Gray | Curb |
| 200011 | Effisus Stopper EC Canto 5.0cm Gray | Curb |
| 200203 | Effisus Stopper 1-P 1890ml Gray | Pouche |
| 200301 | Effisus Stopper M-1 300ml Gray | Cartridge |

Other dimensions available upon request.



Effisus Bond FT

The solution for flashing details



Watch Video

Effisus Bond FT Tape is the ideal solution for permanently sealing flashing details on metal roofs of any type, saving time and labour. It offers a superior performance. Effisus Bond FT Tape's unique elongation capacity and flexibility guarantees that it can be formed to fit irregular shapes and surfaces, with no need for mechanical fastening, torch, or extra adhesives.

Effisus Bond FT Tape consists of an uncured EPDM membrane that has been laminated to an EPDM-based pressure-sensitive tape adhesive, integrating a proven peel & stick technology. After curing, the tape is extremely resistant to moisture, UV, temperature changes, and structural movements.

Typical Applications

- Skylights
- Parapet walls
- Facades
- Large round ducts
- Chimneys

Solution Benefits

- Universal – Forms itself to fit any irregular shape or surface.
- Resistant – High elongation capacity, handles expansion and structural movements.
- Durable – Resistant to high temperatures, UV, and moisture.
- Flexible – Complies with different project requirements.
- Easy to install – Easy to handle materials and common use accessories.

Technical Characteristics

| Testing method | Value |
|---|---------------|
| Base Polymer (flashing & tape) – FTIR | EPDM |
| Tensile strength (uncured) – ASTM D 412 Die C | 250 psi max. |
| Elongation (uncured) - ASTM D 412 Die C | 600% min. |
| Peel strength - ASTM D 413 | 10 pli @ 21°C |
| Sheer strength - ASTM D 816 | 20 psi @ 21°C |

Supplying Information

| Code | Designation | Packaging |
|--------|-------------------------------------|-----------|
| 251205 | Effisus Bond FT Tape 15.25cm x 15m | Roll |
| 251204 | Effisus Bond FT Tape 30.50cm x 15m | Roll |
| 251206 | Effisus Bond FT Tape 45.70cm x 15m | Roll |
| 300601 | Effisus Primer Coat SP 3,8l | Can |
| 210107 | Effisus Bonding KF+P Adhesive 600ml | Tube |

Other dimensions available upon request.



Effisus 2Bond DS

Solution for sealing nail/screw perforations

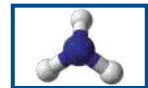


Watch Video

Effisus 2Bond DS Tape is an efficient and sustainable bi-adhesive solution for sealing between two surfaces or for sealing perforations / connections on roofs or facades. It is a permanent waterproof sealant, moulding to any shape or thickness desired.

Active sealants technology

Effisus 2Bond DS uses an innovative technology with active sealants. The sealants don't have double bonds between their carbon atoms, which results in an extremely stable molecular structure. This makes it resistant to oxygen, ozone, and extreme and continuous temperature variations. Through the encapsulation of a special primer an adhesive is obtained that "melts" with the surface on which it is applied.



Typical Applications

- Sealing bracket fixing points
- Sealing fixing points on termination bars or lifelines
- Sealing between multiple profiles
- Sealing overlapping joints of metal cladding

Solution Benefits

Robust – Waterproof, UV resistant and flexible from -56°C to +93°C.

Universal – Compatible with different construction materials: polycarbonate, glass, metals.

Durable – Life expectancy of over 20 years.

Flexible – Adapts to the needs of different construction situations.

Easy to apply – Simple to use and with no need for extra accessories.

Technical Characteristics

| Testing method | Value |
|------------------------------|---|
| Adhesion | 9 kg |
| Elongation | > 500% ± 100 |
| Low temperature flexibility | 1.7mm radius at -34.4°C |
| Low temperature range | -56°C to +93°C |
| Water vapour test - ASTM 96B | 0.005grs/254cm ² /24hrs/37°C |

Supplying Information

| Code | Designation | Packaging |
|--------|---|-----------|
| 250808 | Effisus 2Bond DS Tape 1.54mm; 2.5cm x 15.25m | Roll |
| 250801 | Effisus 2Bond DS Tape 1.54mm; 5.0cm x 15.25m | Roll |
| 250802 | Effisus 2Bond DS Tape 1.54mm; 7.6cm x 15.25m | Roll |
| 250803 | Effisus 2Bond DS Tape 1.54mm; 10.0cm x 15.25m | Roll |

Other dimensions available upon request.



Framework (windows / doors)



Sealing framework perimeters



Effisus SealExpand XTRA

Impregnated joint-sealing tape



The Effisus SealExpand XTRA tape is the efficient solution for sealing joints and perimeters. It's ideal for use in new buildings or rehabilitation works. The tape's properties offer excellent expandability and permanent elasticity, which enable it to absorb movements during the different phases of a building's lifecycle. Moreover, the tape is resistant to UV radiation and rainwater with pressures up to 600Pa. All this, without the need for additional coatings or sealants.

Effisus SealExpand XTRA's added value is due its thermal and acoustic insulation properties, which not only increase energy efficiency, but also improve the quality of a buildings' interior spaces.

Typical Applications

- Prefabricated construction in concrete or other materials
- Sealing perimeters of frames (windows/doors)
- Skylights
- Cladding Panels
- Curtain Walls

Solution Benefits

Robust – Waterproof, UV resistant and permanent flexibility. Temperature range between -30°C and +90°C.

Universal – Different widths for different needs. Adapts to joint irregularities.

Durable – Expected lifetime of more than 20 years.

Flexible – Adapts to on-site demands.

Easy to apply – Simple to handle materials and no need for accessories, solvents and or harmful materials.

Technical Characteristics

| Testing method | Value |
|---|-----------------------|
| Resistance to driving rain - DIN EN 1027 | ≥ 600 Pa |
| Temperature-change resistance - DIN 18542 | -30°C a +90°C |
| Fire reaction - DIN 4102 | B1 (fire resistant) |
| Water vapour permeability - DIN EN 12572 | μ ≤ 100 |
| Sd- value - DIN EN 12572 | ≤ 0.5 para 50mm width |

Supplying Information

| Code | Designation | Packaging |
|--------|---|-----------|
| 100631 | Effisus SealExpand Xtra600 Tape Gray 15 / 1-4 x 10m | Roll |
| 100633 | Effisus SealExpand Xtra600 Tape Gray 15 / 2-6 x 8m | Roll |
| 100636 | Effisus SealExpand Xtra600 Tape Gray 15 / 4-9 x 8m | Roll |
| 100640 | Effisus SealExpand Xtra600 Tape Gray 20 / 5-12 x 8m | Roll |
| 100643 | Effisus SealExpand Xtra600 Tape Gray / 6-15 x 6m | Roll |
| 100645 | Effisus SealExpand Xtra600 Tape Gray / 9-20 x 4m | Roll |

Other dimensions available upon request.



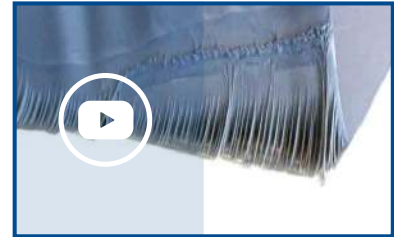


Sealing joints on thresholds



Effisus Easyrepair

The ultimate leakage sealing solution for roofs and facades



Watch Video

The self-adhesive Effisus Easyrepair Membrane is the ideal solution for sealing leaks on virtually all types of roofs and facades. It creates a waterproof, moisture, and airtight barrier, with no additional sealing required.



Active sealants technology

The Effisus Easyrepair Membrane uses an innovative technology with active sealants. This technology uses sealants that don't have double connections between their carbon atoms, which results in an extremely stable molecular structure - resistant to oxygen, ozone and extreme and continuous temperature variations. Through the encapsulation of a special primer, the adhesive "melts" on the surface to which it is applied. This originates an instant bonding, to most known materials used in construction.

Excellent Adhesiveness to the Following Materials



Polycarbonate



Glass



Metal



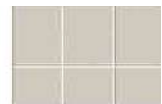
Natural stone



Concrete



Plaster



Ceramic

Typical Applications

- Metallic coatings
- Flashing details
- Polycarbonate coatings
- Skylights

Solution Benefits

Resistant - Waterproof, UV resistant and flexible to -56°C.

Universal - Compatible with different construction materials.

Durable - Over 20 years of service life-expectancy.

Flexible - Complies with the different installation requirements.

Easy to install - Easy to handle and with no need for accessories.

Technical Characteristics

| Testing method | Value |
|-------------------------------|---------------|
| Adhesion | 9 kg |
| Temperature flexibility range | -56°C a +93°C |
| Elongation | >700% ± 100 |
| Tensile break | 31 (kPa) |

Supplying Information

| Code | Designation | Packaging |
|--------|--|-----------|
| 160202 | Effisus Easyrepair Gray Membrane 0.90mm; 10.0cm x 15.25m | Roll |
| 160203 | Effisus Easyrepair Gray Membrane 0.90mm; 15.2cm x 15.25m | Roll |

Other dimensions / options available upon request.



HVAC



Sealing penetrations on metal roofs



Effisus Stopper MR

Flashing solution for metal roof penetrations



Watch Video

Effisus Stopper MR is the efficient and sustainable solution for permanently sealing metal roof penetrations, with diameters from 3 to 750mm. It combines with its EPDM or Silicone composition, a base edged with aluminium strands that easily adapts to virtually any metal roof profile configuration.

Permanently flexible it absorbs vibrations and movements. The different design options available, makes a perfect fit for the different requirements of each project.

Typical applications

- Air conditioning pipes
- Ventilation ducts
- Chimneys
- Antennas
- Electric cables
- Photovoltaic system cables
- Equipment holders

Solution Benefits

Easy to install - Easy and fast installation.

Robust - Waterproof, UV resistant and temperatures from -60°C to + 200°C.

Universal - Fits any profile. Sealing of penetrations from 5 to 750mm. Different options of design for different needs.

Flexible - Absorbs movement and vibration of the roof.

Economical - A fraction of the cost of conventional solutions.

Technical Characteristics

| Testing method | Black | Gray | High Temperature |
|--------------------------------------|----------------|----------------|------------------|
| Tensile strength (Mpa min) - D412 | 10.5 | 10.5 | 8.5 |
| Elongation at break (% min) - D412 | 650 | 650 | 525 |
| Tear strength L (kN/m min) - D624 | 31.5 | 32 | 22 |
| Resistance to ozone - D1171 | Pass | Pass | Pass |
| Accelerated ageing test* - SAE J1960 | Pass | Pass | Pass |
| Resistance to constant temperature | -50°C to 115°C | -50°C to 115°C | -60°C to 200°C |

Supplying Information

| Code | Designation | Packaging |
|--------|--|---------------------------------|
| 422503 | Effisus Stopper MR Combo 5-127mm Black + Clips | Kit 10un (accessories included) |
| 422504 | Effisus Stopper MR Combo 75-175mm Black + Clips | Kit 5un (accessories included) |
| 422508 | Effisus Stopper MR Combo 175-330mm Black + Clips | Kit 5un (accessories included) |
| 422509 | Effisus Stopper MR Combo 240-503mm Black + Clips | Kit 5un (accessories included) |
| 422510 | Effisus Stopper MR Combo 400-750mm Black + Clips | Kit 1un (accessories included) |

Other dimensions / options available upon request.



Effsus Bond FT

The solution for flashing details on metal roofs



Watch Video

Effsus Bond FT Tape is the ideal solution for permanently sealing flashing details on metal roofs of any type, saving time and labour. It offers a superior performance. Effsus Bond FT Tape's unique elongation capacity and flexibility guarantees that it can be formed to fit irregular shapes and surfaces, with no need for mechanical fastening, torch, or extra adhesives.

Effsus Bond FT Tape consists of an uncured EPDM membrane that has been laminated to an EPDM-based pressure-sensitive tape adhesive, integrating a proven peel & stick technology. After curing, the tape is extremely resistant to moisture, UV, temperature changes, and structural movements.

Typical Applications

- Skylights
- Parapet walls
- Facades
- Large round ducts
- Chimneys

Solution Benefits

- Universal – Forms itself to fit any irregular shape or surface.
- Resistant – High elongation capacity, handles expansion and structural movements.
- Durable – Resistant to high temperatures, UV, and moisture.
- Flexible – Complies with different project requirements.
- Easy to install – Easy to handle materials and common use accessories.

Technical Characteristics

| Testing method | Value |
|---|---------------|
| Base Polymer (flashing & tape) – FTIR | EPDM |
| Tensile strength (uncured) – ASTM D 412 Die C | 250 psi max. |
| Elongation (uncured) - ASTM D 412 Die C | 600% min. |
| Peel strength - ASTM D 413 | 10 pli @ 21°C |
| Sheer strength - ASTM D 816 | 20 psi @ 21°C |

Supplying Information

| Code | Designation | Packaging |
|--------|------------------------------------|-----------|
| 251205 | Effsus Bond FT Tape 15.25cm x 15m | Roll |
| 251204 | Effsus Bond FT Tape 30.50cm x 15m | Roll |
| 251206 | Effsus Bond FT Tape 45.70cm x 15m | Roll |
| 300601 | Effsus Primer Coat SP 3,8l | Can |
| 210107 | Effsus Bonding KF+P Adhesive 600ml | Tube |

Other dimensions available upon request.



Effisus Cobra

Sealing solution for flashing details on metal roofs



Effisus Cobra is the ideal solution for permanently sealing flashing details, on metal roofs. Its unique elongation capacity guarantees that it will perfectly fit and adapt to any metal roof profile. Effisus Cobra combines its EPDM composition with two aluminium strands, embedded in both of its edges. This combination allows the membrane to combine the elongation capacity and remaining exceptional properties of the EPDM, to the adaptability and memory capacity of the aluminium strands.

Typical applications

- Skylights
- Square ducts
- Large round ducts
- Parapet walls
- Facades
- Chimneys
- Expansion joints

Solution Benefits

Robust - High elongation capacity, handles expansion and structural movements.
 Universal - Compatible with any type of metallic coating or roof profile.
 Durable - Resistant to weather variations, UV, and ozone.
 Flexible - Complies with different project requirements.
 Easy to install - Easy to handle materials and common use accessories.

Technical Characteristics

| Testing method | Value |
|--|--|
| Tensile strength - ASTM D412 | 2 Mpa (290 psi) min. |
| Elongation at break - ASTM 412 A/C | 700% min. |
| Resistance to ozone (C12) - ASTM D1171 | 100% quality retention (70 HRS @ 38 °C @ 50 ppm) |
| Foldability at low temperatures (F17) - ASTM D2137 | No cracking 3 min @ -40 °C |
| Sheer strength (Z6) - ASTM 624 DIE C | 200 Psi Min. |

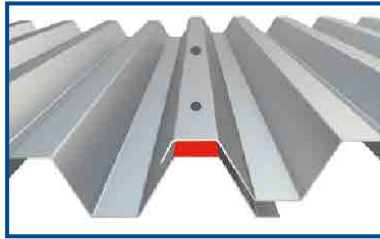
Supplying Information

| Code | Designation | Packaging |
|--------|---------------------------------|----------------------------------|
| 410102 | Kit Effisus Cobra 280mm x 10.0m | Kit 10.0m (accessories included) |



Effsus 2Bond DS

Solution for sealing nail/screw perforations



Watch Video

Effsus 2Bond DS Tape is an efficient and sustainable bi-adhesive solution for sealing between two surfaces or for sealing perforations / connections on roofs or facades. It is a permanent waterproof sealant, moulding to any shape or thickness desired.

Active sealants technology

Effsus 2Bond DS uses an innovative technology with active sealants. The sealants don't have double bonds between their carbon atoms, which results in an extremely stable molecular structure. This makes it resistant to oxygen, ozone, and extreme and continuous temperature variations. Through the encapsulation of a special primer an adhesive is obtained that "melts" with the surface on which it is applied.



Typical Applications

- Sealing bracket fixing points
- Sealing fixing points on termination bars or lifelines
- Sealing between multiple profiles
- Sealing overlapping joints of metal cladding

Solution Benefits

- Robust – Waterproof, UV resistant and flexible from -56°C to +93°C.
- Universal – Compatible with different construction materials: polycarbonate, glass, metals.
- Durable – Life expectancy of over 20 years.
- Flexible – Adapts to the needs of different construction situations.
- Easy to apply – Simple to use and with no need for extra accessories.

Technical Characteristics

| Testing method | Value |
|------------------------------|---|
| Adhesion | 9 kg |
| Elongation | > 500% ± 100 |
| Low temperature flexibility | 1.7mm radius at -34.4°C |
| Low temperature range | -56°C to +93°C |
| Water vapour test - ASTM 96B | 0.005grs/254cm ² /24hrs/37°C |

Supplying Information

| Code | Designation | Packaging |
|--------|--|-----------|
| 250808 | Effsus 2Bond DS Tape 1.54mm; 2.5cm x 15.25m | Roll |
| 250801 | Effsus 2Bond DS Tape 1.54mm; 5.0cm x 15.25m | Roll |
| 250802 | Effsus 2Bond DS Tape 1.54mm; 7.6cm x 15.25m | Roll |
| 250803 | Effsus 2Bond DS Tape 1.54mm; 10.0cm x 15.25m | Roll |

Other dimensions available upon request.



Sealing penetrations on flat roofs



Effisus Stopper

Penetration Sealing Solution for Roofs and Facades



[Watch Video](#)

Effisus Stopper is an innovative solution for sealing penetrations of any size or configuration, on flat surfaces. Effisus Stopper can be installed on the most common façade surfaces: concrete, metal, EPDM, or other waterproofing membranes.

It is an extremely versatile and efficient sealing solution, with precast moulds and innovative sealants, is long lasting, and adaptable to any configuration. It is quick and easy to install, with no need for mechanical fastening.

Typical Applications

Sealing of:

- General façade perforations / penetrations
- Façade penetrations from metal profiles
- Passages of cables, pipes, or ducts

Solution Benefits

Easy to install – Installation in under 15 minutes

Resistant – Waterproof, UV, and ozone stable, resistant to ice and standing water

Universal – Compatible with all general construction materials (concrete, metal, TPO, PVC, EPDM, Bitumen, etc.)

Flexible design – Adaptable to penetrations with any size or configuration

Economical – At a fraction of the cost of traditional solutions

Technical Characteristics

Effisus Stopper is composed of:

Effisus Stopper 1-P Sealant – a moisture curing, pourable sealant designed for use in pitch pans and warranted Effisus Stopper CE/EC penetration seals

Effisus Stopper M-1 Sealant – a moisture cure, non-slump multi-purpose structural adhesive/sealant, which forms a tough elastic waterproof seal on most roofing materials

Effisus Stopper EC/CE Curb – precast forms composed of grey polyester resin

Supplying Information

| Code | Designation | Packaging |
|--------|---|-----------|
| 200007 | Effisus Stopper EC Circular Fechado 10.0cm Gray | Curb |
| 200002 | Effisus Stopper EC Circular Fechado 15.0cm Gray | Curb |
| 200003 | Effisus Stopper EC Circular Fechado 22.5cm Gray | Curb |
| 200015 | Effisus Stopper EC Extensão 7.6cm Gray | Curb |
| 200009 | Effisus Stopper EC Extensão 20.0cm Gray | Curb |
| 200011 | Effisus Stopper EC Canto 5.0cm Gray | Curb |
| 200203 | Effisus Stopper 1-P 1890ml Gray | Pouche |
| 200301 | Effisus Stopper M-1 300ml Gray | Cartridge |

Other dimensions available upon request.





Consulting



CONSULTING / BESPOKE SOLUTIONS

Each project is unique.
Each intervention is decisive.
Each phase is crucial.

Effisus solutions combine in an innovative and balanced way Efficiency and Sustainability, promoting integrated systems with high added value and superior quality. The Effisus Consulting services are the ultimate added value throughout the whole process, by providing comprehensive support every step of the way, to every project intervention with attention to every detail – the key to complete success.

Our unique market approach and innovative thinking, together with our engineering and construction experience on envelope weatherproofing systems, allows us to offer the best solution and support to the challenges that owners, architects, contractors, engineers, and inspectors face throughout the entire construction process, achieving:



**UNBEATABLE
QUALITY**

State-of-the-art
solutions



**MAJOR
EFFICIENCY**

Solutions optimized for
the project requirements
and reality



**ECONOMIC
PROFITS**

Error free solutions
Maximum durability



**TIME AND
LABOUR
SAVINGS**

Faster and simpler
installation



From the initial concept to project closeout, we support our customers, always considering each customer's specific needs and unique project requirements, in a close collaboration providing:



EFFISUS

- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> • Analysis of project scope • Presentations of technical solutions & case studies • Visits to existing projects | <ul style="list-style-type: none"> • Analysis of project requirements • Development of bespoke solutions • Project detailing - including interfaces with other solutions • Cost estimates • Mock-ups • Compability tests • Assistance on prototype testing • Development of project oriented installation manuals | <ul style="list-style-type: none"> • Training of project managers and crew on site • Project oriented installation manuals • Monitoring plans • Inspections on site • Monitoring reports • Technical assistance on site • Analysis of deviations and proposal of improved solutions | <ul style="list-style-type: none"> • Final inspections & reports • Maintenance plans • Issuing of warranties • Experience backup |
|---|---|--|--|

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