

C.W.C. Stop Condense

White thermal coating for cold and not properly insulated surfaces

Eliminates any condensation and mould.

White coating for internal use, latex-based with specific mineral powders, that thanks to their insulating features keep surfaces warmer, thus eliminating any thermal bridge. There is a +5°C (+9°F) difference between the surface treated with C.W.C. and the one treated with a traditional paint. These 5°C (9°F) more prevent the air from condensing onto the wall, even if there is high humidity in the room (up to 90%), thus eliminating condensation and therefore mould.

BENEFITS

- Do-it yourself
- Easy and fast to apply
- Cheap solution
- Hygienic upgrading of residential buildings
- It could be over painted with hydro-paint
- Final physical solution (neither toxic nor chemical)
- Solvent free

APPLICATION FIELDS

The product is suitable to:

- coat for cold surfaces affected by condensation and mould formation;
- cover pillars, reinforced cement walls, non insulated walls and against thermal bridges.

Product for internal use.

YIELD

0,50 l/m².

One gallon covers up to 81 sq ft.

COLOUR

White.

PACKAGING

5 l (1,32 gal U.S.) plastic bucket.

14 l (3,70 gal U.S.) plastic bucket.

Pallet:

- n° 20 boxes (4 pieces each), 5 l (1,32 gal U.S.) packaging (tot 400 l) (105,60 gal U.S.);
- n° 48 buckets 14 l (3,70 gal U.S.) each (tot 672 l) (177,60 gal U.S.).

STORAGE

Store the product in well ventilated areas, away from sunlight and ice, at temperatures between +5°C and +35°C (+41°F and +95°F).

Storage time: 12 months.

SUPPORT PREPARATION

- The support must be resistant.
 - The surface must be thoroughly clean, well consolidated and without debris or detaching parts, salt efflorescences and any eventual organic material.
 - Support temperature must be comprised between +5°C and +35°C (+41°F and +95°F).
 - It does not need any fixative and it can be applied over old paint as long as it is a good support.
- Remove any presence of mould washing the surface with bleach (1 part) diluted with water (10 parts). Let dry.

MIXING

Dilute with 10%, max 15%, of water.

APPLICATION

1. It is advisable to slightly wet the surface before applying the product.
2. Apply a first coat by roll, brush or spray to completely cover the surface with a very thin layer.
3. Once the first coat is dry, apply a second one.
4. With great mould and thermal bridges, apply a third coat.



For application video, product page, safety data sheet and other information.

Finishes - Liquid

Whereas all indications and recommendations supplied herein are stated to the best of our experience and knowledge, they should nevertheless be considered as indicative only and should be confirmed by exhaustive practical applications. Products can be tested in a closed environment (lab) but job specific features of a project can effect the performance of these products from project to project.

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Technical Data

Features	Features	Features
Yield	0,50 One gallon covers up to 81 sq ft.	l/m ² 1 gal U.S. x ft ²
Aspect	Doughy	-
Colour	White	-
Mixture consistency	Doughy	-
Application temperature	+5 /+35 (+41/+95)	°C °F
Drying time (T=20°C(68 °F); R.H. 40%)	6	Hours
Storage	12 months in original container and in dry places	months
Packaging	5 or 14 l plastic bucket (1,32 or 3,70 gal U.S. plastic bucket)	l gal U.S.

LEED® Credits

Standard GBC HOME

Thematic Area	Credit	Point
Energy & Atmosphere	EAp1 - Minimum Energy Performance	compulsory
	EAp2 - Minimum performance of the wall	compulsory
	EAc1 - Optimize Energy Performance	from 1 to 27
	EAc2 - Enhanced performance of the wall	2
Materials & Resources	MRp2 - Construction Waste Management	compulsory
	MRc2 - Construction Waste Management	from 1 to 2
	MRc3 - Low Emitting Materials	from 1 to 3
	MRc5 – Materials extracted, processed and produced in short distance (regional materials)	from 1 to 2
Indoor Environmental Quality	Qlc3 – Humidity control	1

Standard LEED for New Construction & Major Renovation, v. 2009

Thematic Area	Credit	Point
Energy & Atmosphere	EAp2 - Minimum Energy Performance	compulsory
	EAc1 – Optimize Energy Performance	from 1 to 19
Materials & Resources	MRc2- Construction Waste Management	from 1 to 2
	MRc5 – Regional Materials	from 1 to 2
Indoor Environmental Quality	IEQc3.2 - Construction Indoor Air Quality Management Plan—Before Occupancy	1
	IEQc4.2 - Low Emitting Materials - Paints and Coatings	1
	IEQc11 - Mold Prevention*	1

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Final performances		Units	Regulations	Results
Difference of temperature on concrete	Up to +5 Up to (+9)	°C °F	-	-
Superficial drying temperature	+5 (+41)	°C °F	-	-
Steam permeability (μ)	8	-	-	Highly breathable
Resistance after 50 freeze-thaw cycles (-15°C/+15°C) (-59°F/+59°F)	Unchanged	-	EN 202 ASTM C666	Unchanged

* The above data, even if carried out according to regulated tests are indicative and they may be change when specific site conditions vary.

DRYING TIME

At 20°C (+68°F) and with a relative humidity level of 40%, the product dries in 6 hours.

- Drying time is influenced by relative humidity level and by temperature and may change significantly.

SUGGESTIONS

- Do not apply at temperatures lower than +5°C (+41°F) or higher than +35°C (+95°F).
- Do not apply with relative humidity level higher than 70%, away from sunlight.
- It can be coloured with any kind of water based paint or over painted with breathable water based paint.
- Do not apply outside.

CLEANING

Wash tools with water before hardening.

SAFETY

For the handling, see product safety sheet.

Finishes - Liquid

