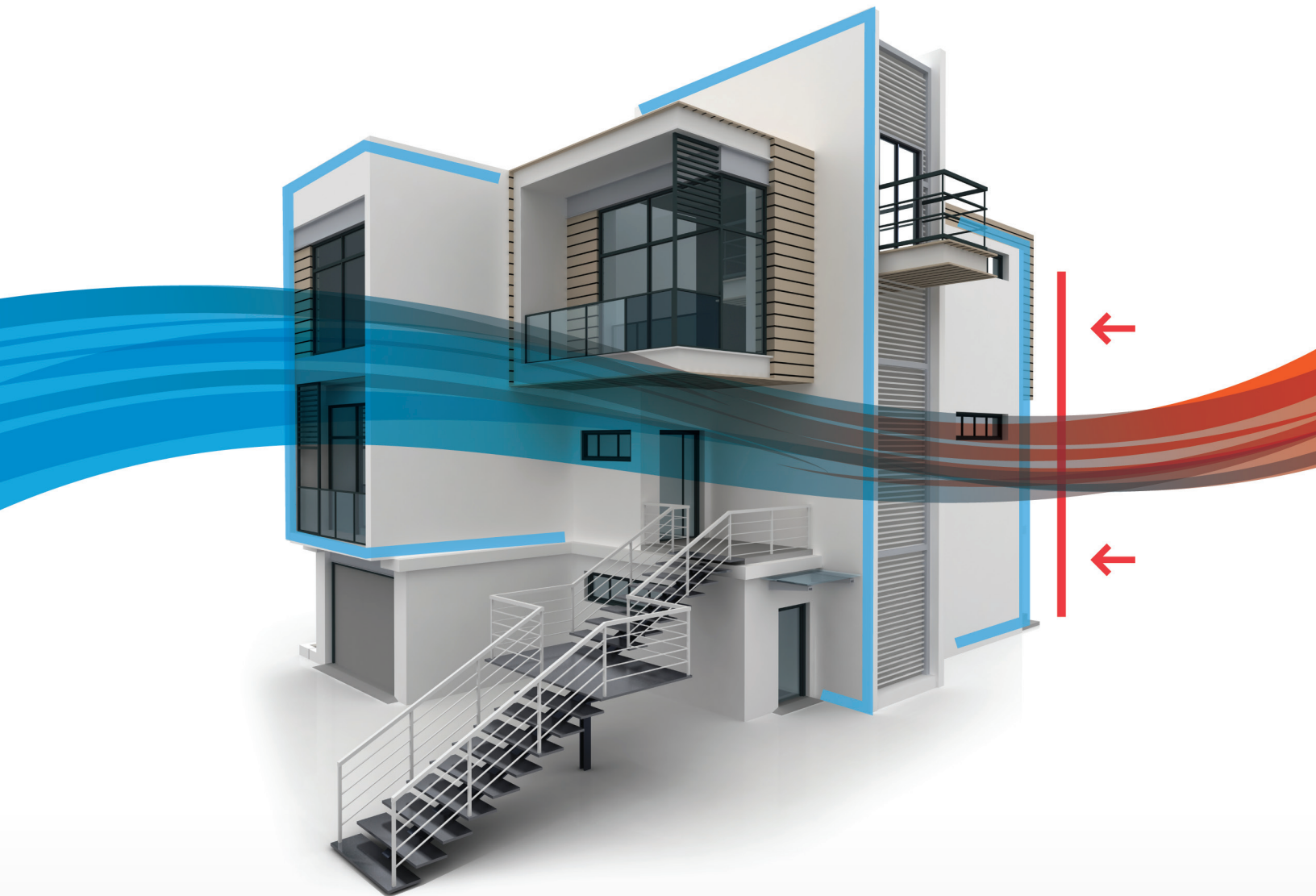


# *Insularis*

*Comfort by design*



# Build an URBAN OASIS

Introducing Insularis, a concrete solution for energy efficient construction.

## INNOVATIVE

Novel concrete technologies combined with a unique product development approach that offers solutions that improve thermal insulation and acoustic performance of concrete.

## ENERGY EFFICIENT CONSTRUCTION

A solution based on a construction system that consists of 100% ready-mix concrete designed to improve the energy efficiency of buildings: thermal insulation properties superior to conventional concrete and effective in the reduction of thermal bridges.

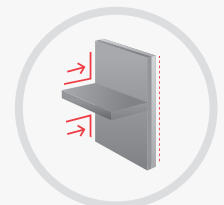
## SUSTAINABLE COMFORT

Contributing to important savings in energy, improving the quality of life, and creating more comfortable structures for any exterior climatic condition.

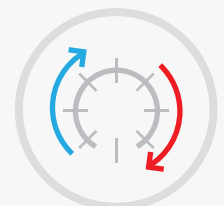
## THE BENEFITS



Energy savings  
up to  
**20%**



Thermal bridge  
reduction up to  
**95%**



Time saving - using  
**100%**  
concrete solution

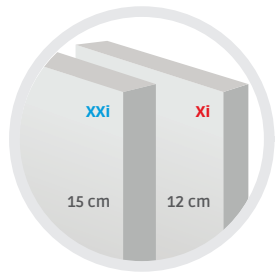


Acoustic  
Insulator

## 100% READY-MIX CONCRETE



A 100% concrete solution consisting of a composite design that satisfies structural and thermal insulation performance requirements



**Insularis**  
Comfort by design

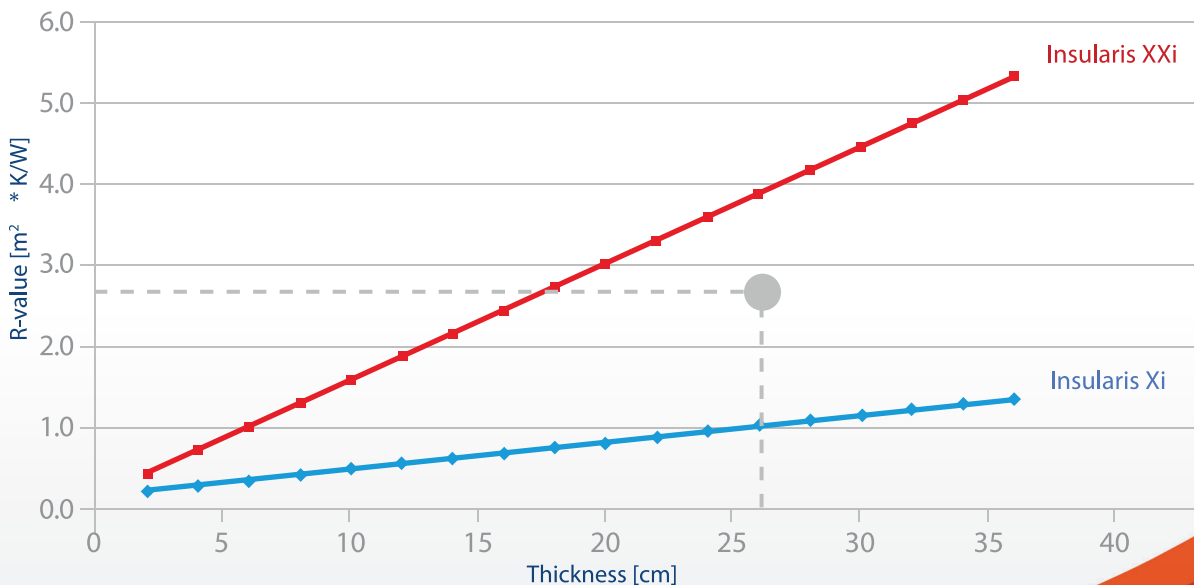
### Compressive strength at 28 days

- Insularis Xi: 25 - 35 MPa
- Insularis XXi: 5 - 10 MPa

### Thermal insulation performance

- R-value: 2.7 m<sup>2</sup>.K / W
- U-value: 0.37 W/m<sup>2</sup>.K

Material performance: Thermal performance as a function of the wall thickness





CEMEX IS A GLOBAL BUILDING MATERIALS COMPANY THAT PROVIDES HIGH-QUALITY PRODUCTS AND RELIABLE SERVICE TO CUSTOMERS AND COMMUNITIES IN MORE THAN 50 COUNTRIES THROUGHOUT THE WORLD. CEMEX HAS A RICH HISTORY OF IMPROVING THE WELL-BEING OF THOSE IT SERVES THROUGH ITS EFFORTS TO PURSUE INNOVATIVE INDUSTRY SOLUTIONS AND EFFICIENCY ADVANCEMENTS AND TO PROMOTE A SUSTAINABLE FUTURE.

ecoperating

