

## Thermal Bridges

- SOCLE
- REINFORCED CONCRETE STRUCTURES
- CAVITY WALL SYSTEMS
- INSULATION BEHIND STONE/BRICK-TILES

## RAVATHERM XPS 300 WB

Perfect, water resistant thermal insulation solution with special rough surface which offers the possibility of direct plastering.

### Advantages:

- Rough and well adhering surface
- High strength and flexibility
- Frost & water-resistant
- High vapour diffusion resistance
- Easy to install
- User-friendly

## Perimeter

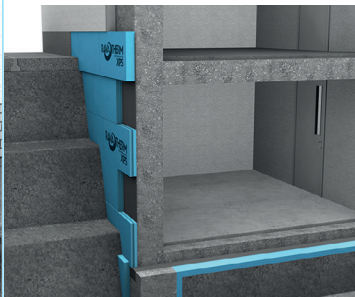
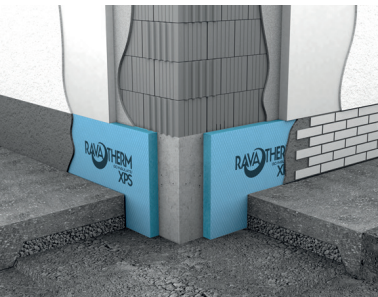
- CELLAR WALLS
- PERIMETER WALLS IN GROUND WATER
- SWIMMING POOLS
- FOUNDATION OR BASE SLAB
- FROST PROTECTION

## RAVATHERM XPS 300 SL

Safe water-resistant thermal insulation & protection layer solution with high compressive strength.

### Advantages:

- "Built in" protection
- High compressive strength
- Consistent high insulation-capability
- Frost water & rot-resistant
- User-friendly
- Age-resistant



Today, the focus lies on the establishment of energy-efficient buildings. The easiest, shortest and most effective payback time investment is thermal insulation.

Thermal insulating your building by high quality RAVATHERM XPS is

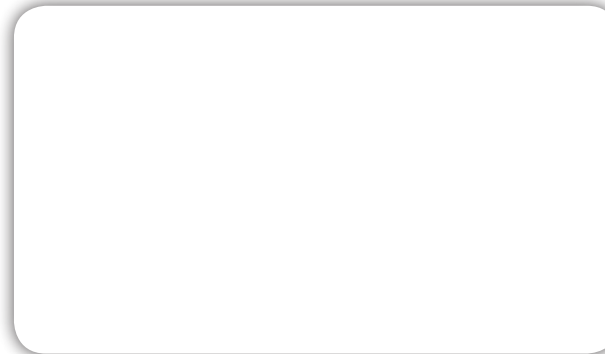
- saving energy and
- protecting our environment

# RAVATHERM™

GO INSULATE!  
XPS

Closed cell polystyrene insulation for more than 20 years of professional experience.

Your dealer:



- ✓ Outstanding Thermal Insulation Capability
- ✓ High Compressive Strength
- ✓ Frost-Resistant
- ✓ Easy to handle

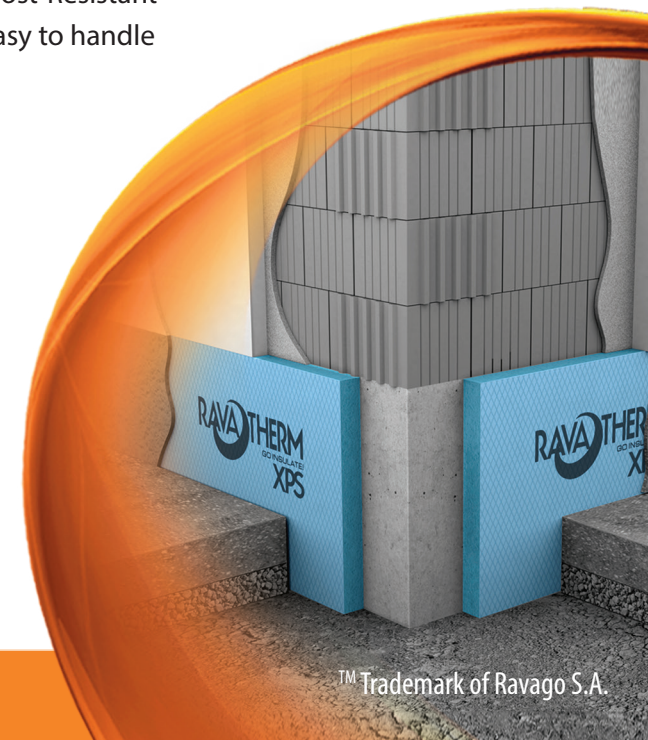
This publication has been prepared based on available information according to our best knowledge. However the producer reserves the right to change the specifications, and states that he does not assume any responsibility for the recommendation herein. During the planning and installation all standards of directive laws and regulations and professional guidelines should be observed. (incl.national fire protection regulations).

- I - 106/141 EN/V2

**RAVATHERM™**  
GO INSULATE!  
XPS

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[info@ravatherm.com](mailto:info@ravatherm.com)

PRODUCER:  
RAVATHERM Hungary Kft.  
member of the Ravago Group



™ Trademark of Ravago S.A.

Product Name	Board size (mm)			λ Value (W/mK)	Compressive strength <sup>1</sup>
	thickness	width	length		
RAVATHERM XPS 300 WB	20-200	600	1250	20-60mm λ ≤ 0,033 80-200mm λ ≤ 0,035	300 kPa
RAVATHERM XPS 300 SL	30-200	600	1250	30-60mm λ ≤ 0,033 80-200mm λ ≤ 0,035	300 kPa
RAVATHERM XPS 300 STG	40-100	600	2400	40-60mm λ ≤ 0,033 80-100mm λ ≤ 0,035	300 kPa
RAVATHERM XPS 500 SL	40-120*	600	1250	40-60mm λ ≤ 0,033 80-120mm λ ≤ 0,035	500 kPa
RAVATHERM XPS 700 SL	40-100	600	1250	40-60mm λ ≤ 0,033 80-100mm λ ≤ 0,035	700 kPa

Reaction to fire (EN 13501-1) E, <sup>1</sup>CS (10/Y), <sup>2</sup>20mm product with planed surface

\*Higher thicknesses available upon request



## RAVATHERM™ XPS

RAVATHERM XPS closed-cell polystyrene foam is produced using the latest 21<sup>st</sup> Century technology. The “blue foam” is produced from qualified raw materials, and significantly reduces the heat loss of buildings, actively contributing to CO<sub>2</sub> emission savings.

Energy savings using RAVATHERM give a beneficial short-term return on investment within a few years.

RAVATHERM XPS with its unique closed cell structure guarantees efficient thermal insulation capability.

### Advantages:

- EXCELLENT THERMAL INSULATION
- WATER RESISTANCE
- DURABILITY
- FROST RESISTANCE
- FORM AND DIMENSIONAL STABILITY
- HIGH LOAD-BEARING CAPACITY

## Flat Roofs

- INVERTED FLAT ROOF
- GREEN ROOF
- PARKING ROOF
- TERRACE ROOF
- DUO-ROOF
- RENOVATION - PLUS ROOF

## RAVATHERM XPS 300/500/700 SL

Long term and safe thermal insulation solution for flat roof construction.

### Advantages:

- Waterproofing layer protected from heat & UV-effects and mechanical damage
- Building physical advantages
- Safe and fast installation
- User-friendly
- Easy troubleshooting and repair

## Pitched Roofs

- PITCHED ROOFS OUTSIDE INSULATION ABOVE RAFTERS OR REINFORCED CONCRETE
- COMPLEMENTARY INSULATION ABOVE RAFTERS
- RENOVATION - ADDITIONAL INSULATION BELOW RAFTERS

## RAVATHERM XPS 300 STG

Long term high performance thermal insulation for pitched roof applications.

### Advantages:

- Consistent high insulation capability
- Tongue and groove edges
- Thermal bridge-free solution combined with the traditional “between rafters” insulation
- Big board size
- Age-resistant
- Easy to use

## Floors

- INDUSTRIAL FLOOR
- COLD STORAGE
- STANDARD BUILDINGS
- BASEMENTS
- BELOW BASE SLAB
- SWIMMING POOL BASE SLAB

## RAVATHERM XPS 300/500/700 SL

Perfect water resistant and high compressive strength thermal insulation solution.

### Advantages:

- High compressive strength
- Frost-resistant
- Water-resistant
- Age-resistant
- Low compression
- Fast and easy installation
- Simple floor build up

## Inside Wall

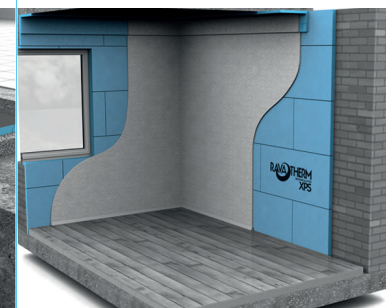
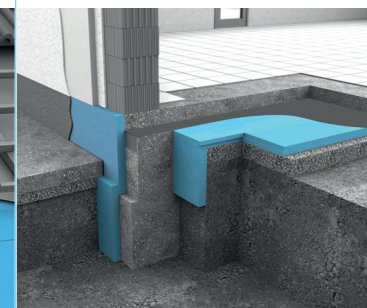
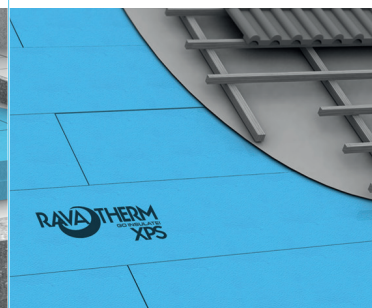
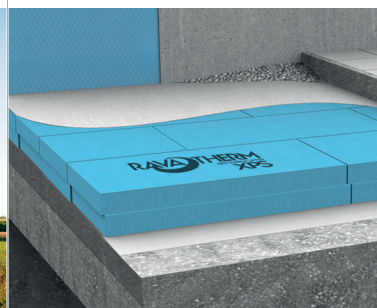
- RENOVATION
- VISIBLE CONCRETE WALLS
- HISTORIC BUILDINGS

## RAVATHERM XPS 300 WB

Excellent inside solution with rough surface, high thermal and vapour resistance.

### Advantages:

- Rough and well adhering surface
- Comfort, healthy interior environment
- High vapour diffusion resistance
- Stops mould
- Easy to install
- User-friendly



## Applications/Products

- THERMAL BRIDGES / RAVATHERM XPS 300 WB
- INSIDE WALL / RAVATHERM XPS 300 WB
- SOCLE / RAVATHERM XPS 300 WB
- FACADE & CAVITY WALLS / RAVATHERM XPS 300 WB
- FLOOR (STANDARD) / RAVATHERM XPS 300 SL
- FACADE & CAVITY WALLS / RAVATHERM XPS 300 WB
- PERIMETER APPLICATIONS / RAVATHERM XPS 300 SL
- INVERTED ROOF / RAVATHERM XPS 300 SL
- TERRACE ROOF / RAVATHERM XPS 300 SL
- GREEN ROOF / RAVATHERM XPS XPS 300 SL
- PARKING ROOF / RAVATHERM XPS 500/700 SL
- PITCHED ROOF / RAVATHERM XPS 300 STG

# GO INSULATE!