

XPS PROTECT ARTIC

XPS PROTECT ARTIC is an extruded polystyrene foam (XPS) thermal insulation panel for buildings, with a cement-based facing.

User application

XPS PROTECT ARTIC destined to thermal insulation:

- Roof parapets for insulated upstands (inverted roof concept),
- Grounds and underground basement walls.

Composition

XPS PROTECT ARTIC	
Thermal insulation	Orange colour extruded polystyrene foam "Primitive XPS PROTECT Artic" panels, ACERMI certificate 08/107/532
Superior facing	High density cement topping, 10 mm thick
* ACERMI: French association for certification of insulation materials	

Packaging

XPS PROTECT ARTIC		
Dimensions	Length x width	1250 mm x 600 mm (finished product) Length and width of cement topping are minor by 2.5 mm on each side than the panel measures.
	Thickness (mm)	10+50, 10+60, 10+80, 10+100, 10+120
	Finish	Rebated panels in all 4 sides for lap jointing
Marking	Each package is labelled	
Packaging	Panels are packed on a wrapped pallet	
Storage	On flat support, away from weather Any colour change of the foam does not affect product performance	

Characteristics of the product

Characteristics	Performances					Testing method
Useful dimensions : Length Width	1250 mm ± 8 mm 600 mm ± 8 mm					EN 822
Thickness - d (mm)	10+50	10+60	10+80	10+100	10+120	EN 822
Thermal resistance* - R _D (m ² .K/W)	1.75	2.10	2.75	3.45	4.15	EN 12667
Squareness	≤ 5 mm/m					EN 824
Flatness	≤ 6 mm/m					EN 825

*Insulation panel thermal resistance values "Primitive XPS PROTECT Artic" ACERMI certificate n°08/107/532

"Primitive **XPS PROTECT Artic**" Thermal insulation characteristics, constituting of the product XPS PROTECT Artic, appear in its Declaration of Performance n°INSES106.

Installation

Common disposals:

Cement-based facing of **XPS PROTECT Artic** panels is cut with a diamant cutting disc. After installation of the panel, filled joints og the superior cement-based facing with a polyurethane sealant for facades (for example SNJF F 25E classification)

A paint for exterior facade, more likely clear, can be used on the cement-based facing and dry polyurethane sealant.

Particular dispositions:

- Roof parapet insulation:

The **XPS PROTECT Artic** panels are laid in one layer, XPS foam on the parapet waterproofing, in compliance to disposal:

- CSTB Technical Guidelines n°3741
- RAGE Technical Guidelines of insulated parapet

- In grounds and underground basement walls insulation

XPS PROTECT Artic panels are laid, in compliance to Professional Recommendations of CSFE (File n°2, October 2010) in one layer directly on the waterproofing system and fixed using cold bituminous glue **SOPRACOLLE 300N** .

Special indications

The product is not classified as dangerous according to French and European regulations.

For further information, please refer to relevant Safety Data Sheet, including precautions to take in case dusts or machining operations.

About product losses or batch remains: non-hazardous waste, not inert - reuse, incineration in Authorized Installation or stockpiled in an installation for Storage of Non-Hazardous Waste (ISDND: Dumps of class II).