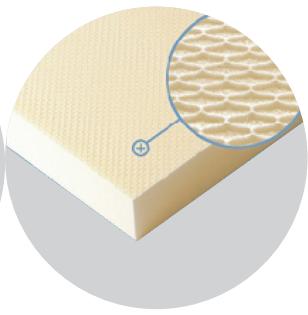


## URSA XPS N-III-PZ-I

Rigid extruded polystyrene foam boards, type Natur III, produced in foaming process with CO<sub>2</sub>, without Freon content. Both side coarse surface for better adhesive and plaster application.  
The form of the edge: straight edge (I)



## Field of application:

- External wall insulation under plaster (e.g. thermal bridge insulation) and ground floor wall insulation
- External ceiling or roof insulation, weatherproof, insulation under roofing (e.g. insulation on rafters)
- External ceiling or roof insulation, weatherproof, insulation under hydro insulation, heavy compressive load (e.g. warm roof)
- Internal ceiling insulation or floor slab insulation (on the upper side) under screed, without requirements for sound insulation, heavy compressive load.
- Internal wall and two-layer wall insulation



Technical data	Value							Units	Standards
Thickness	30	40	50	60	80	100	120	mm	
Declared thermal conductivity ( $\lambda_0$ )	0,032	0,033	0,034	0,034	0,035	0,035	0,035	W(m·K)	EN 13164
Declared thermal resistance ( $R_0$ )	0,90	1,25	1,50	1,80	2,30	2,85	3,45	m <sup>2</sup> K/W	

Technical data	Value	Symbols	Units	Standards
Fire resistance performance according to DIN	B1 (low flammability)			DIN 4102
Fire resistance performance according to EN (Euro class)	E			EN 13501-1
Compressive strength at 10% deformation	300	CS(10\Y)300	kPa	EN 826
Tensile strength perpendicular to faces	≥ 200	TR 200	kPa	
Dimensional change at 90% relative humidity and 70 °C	≤ 5	DS(70,90)	%	EN 1604
The dimensional change of a pressure load of 40 kPa and 70 °C	≤ 5	DLT(2)5	%	EN 1605
Long term water absorption by immersion (28 days)	< 1,5	WL(T)1,5	%	EN 12087
Water vapor diffusion resistance	100	MU(i)	μ	EN 12086
Linear expansion coefficient	0,07		mm/(m·K)	UNI 6348
Temperature limit of usage	-50 to +75 °C		°C	
Specific heat	1450		J/(kgK)	EN ISO 10456

Width [mm]	600
Length [mm]	1250

URSA Slovenija, d.o.o. reserves the right to change the technical data sheet arising from new findings.



The product complies requirements of Decree M/103, which is laid down in the Council Directive for construction products (89/106/EGS) and is in accordance with the European standard EN 13164.