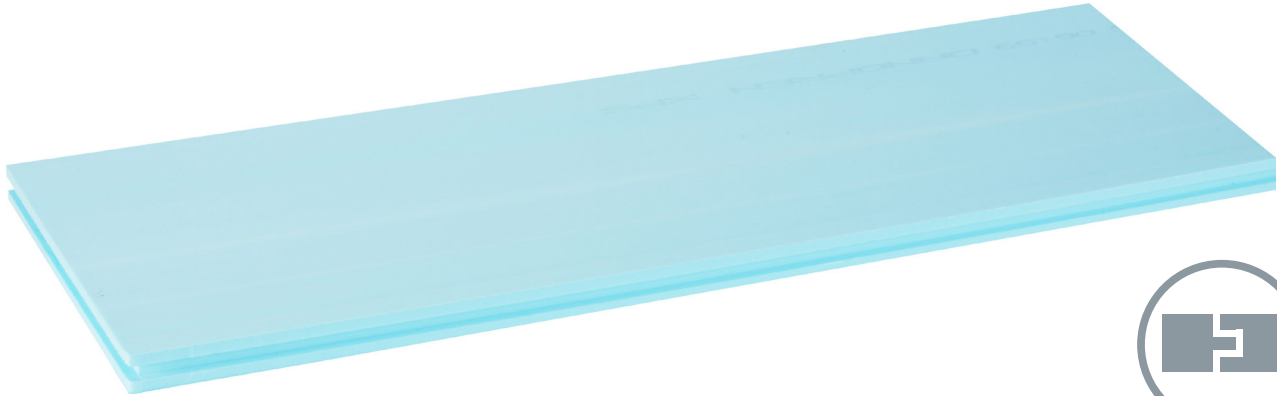




RIGID EXTRUDED POLYSTYRENE (XPS) FOAM BOARD FOR THERMAL INSULATION OF AIR CHAMBERS



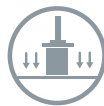
**Tongue & Groove
edges**



Thermal
insulation



Negligible
long-term water
absorption



High compressive
strength



High
durability



Recyclable
boards



Environmental Product
Declaration

DANOPREN® PR is a rigid extruded polystyrene (XPS) foam board with Tongue & Groove edges at various thicknesses. Manufactured without CFC's, HCFC's or HFC's.

ADVANTAGES

- Easy and safe handling: they are light, do not irritate the skin, do not give off dust, and maintain their physical integrity.
- Negligible long-term water absorption.
- Long-term high compressive and mechanical strength.
- Durability equal to the service life of the building within which they are incorporated.
- Recycling and the re-use of DANOPREN® XPS insulation is feasible depending on system installed.

APPLICATIONS

- Thermal insulation for cavity walls and ventilated facades.

PRODUCT RANGE

Trade name	Thickness (mm)	Conductivity (W/m·K)	m ² /bundle	Panels/bundle
DANOPREN® PR 2,60 x 0,60 m	30	0,033	21,84	14
	40	0,034	15,60	10
	50	0,034	12,48	8
	60	0,034	10,92	7
	80	0,036	7,80	5
	100	0,037	6,29	4



INSTALLATION

Cavity wall and ventilated facade

- The substrate wall should provide a smooth and uniform surface.
- It's not necessary to install vapor barrier, except in applications such as cold stores where the vapor barrier will be placed by the "warm" side of the insulation.
- It's not necessary to fix the boards in air chambers.
- The boards shall be fixed with a minimum of 4 mechanical fixings close to board corners and one in the center, otherwise, they shall be adhered to the substrate wall with at least 80% of it's surface with adhesive.
- The Tonge & Groove edge must be firmly pressed to be tight.
- At ventilated facades, the cladding must be fixed to the substrate wall or to an auxiliary self-supporting structure, the boards must not carry the cladding weight.

STORAGE AND PRESERVATION

- Do not expose to temperatures exceeding 75 °C.
- They must be protected from direct sunlight during storage for long periods of time.
- They can be stored outdoors, unaffected by rain, snow or ice.

COMPATIBLE SOLUTIONS



Ventilated facade



Facade with air chamber

