

## THERMACLASS CAVITY WALL 21

### Description

**THERMACLASS CAVITY WALL 21** is a rigid thermal insulation board made of polyisocyanurate (PIR) foam. The boards are provided on both sides with a low emissivity aluminium composite foil facing.

**THERMACLASS CAVITY WALL 21** is mainly used as thermal insulation in full fill and partial fill cavity wall application.

### Packing & Storage

Thickness (mm)	Dimensions <sub>net</sub> (mm)	Dimensions (mm)	Boards/ pack	m <sup>2</sup> /pack	Boards/ pallet	m <sup>2</sup> /pallet	Thermal resistance (R <sub>D</sub> ) (m <sup>2</sup> .K/W)
90	1190 x 450	1205 x 465	6	3,2	96	51,4	4,25
115	1190 x 450	1205 x 465	5	2,7	80	42,8	5,45
140	1190 x 450	1205 x 465	4	2,1	64	34,3	6,65

Store the boards on a flat surface, keep dry and protected from sunlight.

### Characteristics

Thermal conductivity - $\lambda_D$ (W/(m.K)) (EN 12667)	90 ≤ d ≤ 140 mm	0,021
Length (mm) (EN 822)		1205 ± 7,5
Width (mm) (EN 822)		465 ± 5
Thickness tolerance - d <sub>N</sub> (EN 823)		T2
Density (kg/m <sup>3</sup> )		NPD
Edge profile		tongue-groove
Compressive strength at 10 % deformation (kPa) (EN 826)		CS(10\Y)120
Dimensional stability (%) (EN 1604)		DS(70,90)3 DS(-20,-)1
Long term water absorption by total immersion (%) (EN 12087)		NPD
Reaction to fire (EN 13501-1)		F
Water vapour diffusion resistance - $\mu$ (EN 12086)		NPD
Tensile strength perpendicular to faces (kPa) (EN 1607)		NPD
Durability of compressive creep against ageing/degradation (kPa) (EN 1606)		NPD

NPD = no performance determined

### Installation

Always consult the local regulations and contact the manufacturer for technical questions.

Immediately after installation the insulation boards must be protected against weather conditions and sunlight.

### Certifications

- BBA 16/5343 (UK)

### Special indications

#### Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

#### Quality-, Environment- and Safety Management

**SOPREMA** always recognises as a high level of importance the quality of the products, the environment and safety.

For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with

**EN ISO 9001** and **EN ISO 14001**.