

Rockstate Contorno

Un-faced rigid slab of volcanic stone wool.



Application

Insulation of thermal bridges like window voids, in insulation systems of external thermal insulation (SATE) in façades. For refurbishment and construction of new buildings.

Technical Properties

Property	Description		Standard
Thickness (mm)	20	30	
Nominal density (kg/m ³)	155	120	EN 1602
Thermal conductivity W/(m*K)	0,038	0,036	EN 12667
Thermal resistance (m ² K/W)	0,50	0,80 ^o	
Dimensions (mm)	1200 x 600		
Fire reaction /Euroclass	A1		EN 13501.1
Thickness tolerance (mm)	T5		EN 823
Dimensional stability at a specific temperature and humidity	DS (70,90)		EN 1604
Compressive strength (KPa)	CS (10\Y)30	(30 KPa)	EN 826
Resistance to perpendicular traction on the sides	TR 10	10 KPa	EN 1607
Water vapour transmission	MU1	(μ = 1)	EN 12086
Short term water absorption (kg/m ²)	WS	(<1,0 kg/m ²)	EN 1609
Long term water absorption by partial immersion (kg/m ²)	WL (P)	(< 3,0 kg/m ²)	EN 12087

Advantages

- Helps to correct thermal bridges, such as window voids
- Optimal acoustic performance; due to the multidirectional structure
- Incombustibility; helps to prevent the spread of fire at any time (during installation, occupancy, maintenance).
- Dimensional stability; it does not undergo dimensional and performance variations under different thermal and humidity conditions (important feature for the durability of the system and for compatibility with finishes in dark tones).
- Chemically inert; it does not cause or favour the corrosion of materials. Does not favour bacterial development.



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