

Rocksupport Energy Multifix



Rigid slab of high-density stone wool with a fleece on one of its faces that helps to weld the waterproofing asphalt sheets.

Application

High thermal and acoustic insulation performance in high-maintenance light metal roofs and with photovoltaic installations. Roofs finished with bituminous or synthetic waterproofing sheets fixed by welding to thermal insulation.

Technical Properties

| Property | Description | | | | | | Standard |
|--|---|------|-----------------------------|------|----------------|------|------------|
| Nominal density (kg/m ³) | 130 | | | | | | EN 1602 |
| Thermal conductivity W/(m*K) | 0,039 (thickness 40-75 mm) 0,038 (thickness 80-200 mm) | | | | | | EN 12667 |
| Dimensions (mm) | 1200 x 1000 / 2400 x 1200 | | | | | | |
| Fire reaction /Euroclass | A2-s1,d0 | | | | | | EN 13501.1 |
| Thermal resistance (m ² K/W) | Thickness (mm) | TR | Thickness (mm) | TR | Thickness (mm) | TR | |
| | 40 | 1,00 | 90 | 2,35 | 120 | 3,15 | |
| | 50 | 1,25 | 100 | 2,60 | 125 | 3,25 | |
| | 60 | 1,50 | 105 | 2,75 | 130 | 3,40 | |
| | 70 | 1,75 | 110 | 2,85 | 140 | 3,65 | |
| | 80 | 2,10 | 115 | 3,00 | | | |
| Thickness tolerance (mm) | T5 | | | | | | EN 823 |
| Dimensional stability at a specific temperature and humidity | DS (70,90) | | | | | | EN 1604 |
| Compressive resistance (KPa) | CS (10Y)70 | | (70 KPa) | | | | EN 826 |
| Point load (N) | PL (5) 500 | | (500 N) | | | | EN 12430 |
| Water vapour resistance | 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

- Very high resistance to footsteps and punching.
- Security in case of fire.
- Great improvement in the acoustic insulation of the solution.
- Great acoustic absorption capacity.
- Excellent support for finishing with synthetic sheets.
- Thermal and dimensional stability.
- Ease and speed of installation. Only 1 fixing per panel.



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