

For roof and wall

Scobatherm Nanogel was invented by Scobalit AG to meet the growing demand for translucent, highly insulating panels for roofs and walls. Scobatherm Nanogel elements are translucent sandwich panels made of glass-fibre reinforced polyester resins and filled with aerogels. These panels not only look good, they let you build efficiently and economically.

Scobatherm Nanogel panels are distinguished by:

- Translucency
- Lightfastness
- Durability
- Strong enough to walk on, withstands impact of balls
- Mechanical penetration resistance
- Outstanding thermal properties
- Permanently hydrophobic aerogels
- Weathering resistance
- Low dead weight
- Factory sizes to order

Applications:

- Glazing for industrial buildings
- Residential and public buildings
- Roofs and façades



Product specifications:

Colour:	natural, translucent (standard) Other colours (RAL system) as special order
Fire resistance rating:	BKZ 4.2 is standard, BKZ 5.2, BKZ 5.3 and B1 (DIN 4102) are available as special order
Lengths:	max. 8000mm (maximum table width)
Widths:	max. 2400mm (maximum table width)
Thicknesses:	M20 (20mm), M30 (30mm), M50 (50mm) P25 (25mm), P40 (40mm)
Weight:	max. 12.5kg/m ²

Technical specifications:

Thermal conductivity:	0.0219W/mK
U-value:	0.41W/m ² K for a thickness of 50mm (EMPA Test Report No.175 441/1)
G-value:	0.25% (EMPA Test Report No.427377/1)

The values given apply to the standard product (BKZ 4.2)

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