

Thermal Properties

Thermal Resistance		
Essential characteristics	Performance	Harmonised technical specification (method standard)
Thermal Conductivity (declared) in 10 °C, λ_{10}	0.037 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Dimensions and Tolerances	T5	EN 14303:2009+A1:2013 (EN 14303)

Moisture Properties

Water Permeability		
Essential characteristics	Performance	Harmonised technical specification (method standard)
Water Absorption, Short Term WS, W_p	$\leq 1 \text{ kg/m}^2$	EN 14303:2009+A1:2013 (EN 1609)

Durability

Durability of Reaction to Fire Against Ageing/Degradation: The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of product is related to the organic content, which cannot increase with time.

Durability of Reaction to Fire Against High Temperature: The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

Durability of Thermal Resistance Against Ageing/Degradation: Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

Durability of Thermal Resistance Against High Temperature: Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

More Information

The product corresponds to the requirements of the hygiene standard VDI 6022 according to tests made in the Institute for Air Hygiene – ILH Berlin. In order to maintain the antifungal and antibacterial properties please follow hygienic standards during storing and installation.

Facings

Facing Material Glass fibre cloth (black)