

Multipor ExSal Therm board

Technical data	Description
Designation	Multipor ExSal Therm board
Approval	ETA - European Technical Assessment ETA-05/0093
Product description	Solid, mineral-based, monolithic insulating material made from calcium silicate hydrate Constituents: Lime, sand, cement, water, pore generator, hydrophobing agent, primer (porosity approx. 95 vol%)
Usage	Interior wall insulation for remediating damp and/or salt-contaminated masonry
Dimensions	600 x 390 mm d = 60/80/100
Dimensional stability	± 2 mm
Bulk density	115 kg/m ³
Nominal value of thermal conductivity	$\lambda_{D23,50} = 0.045 \text{ W/(mK)}$
Design value of thermal conductivity	$\lambda = 0.047 \text{ W/(mK)}$
Design value of thermal conductivity incl. safety factor*	$\lambda = 0.060 \text{ W/(mK)}$
Thermal expansion coefficient	$\alpha = 10^{-5}/\text{K}$
Specific heat capacity	c = 0.85 kJ/(kgK)

*for continual moisture ingress in desalination board

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Water vapor diffusion resistance coefficient	vapor-permeable $\mu = 3$
Building material class	A1, non-combustible, as per DIN EN 13501-1
Melting point	$\geq 1200^{\circ}\text{C}$
Compressive strength	≥ 350 kPa
Deformation	≤ 1 mm for 1000 N point load, deformation-free in a construction setting
Sorption moisture	≤ 6 wt% (at 23°C and 80% rel. humidity)
Other attributes	<ul style="list-style-type: none"> ■ "Environmentally friendly construction product" certification from the German Institute for Construction and Environment (IBU): EPD-XEL-2009212-D ■ Natureplus Seal of Quality: 0404-0812-0881 ■ eco-Institut label: ID 0813-33144-001 (VOC-free: Standard A+) ■ ecologically and microbiologically safe, inhibits fungi and micro-organisms, fully recyclable

Xella Baustoffe GmbH

Local contact person

 www.multipor.com/sales-representatives.php

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