



# TECHNOROOF TOP 50

## TAPERED

STONE WOOL

**PRODUCT DESCRIPTION**

TECHNOROOF TOP 50 TAPERED are non-combustible, hydrophobic stone wool boards with a disturbed fiber arrangement, for shaping slopes and counter-slopes on flat roofs.

**APPLICATION**

Shaping slopes that drain water from flat roofs to roof drains. TECHNOROOF TOP 50 TAPERED boards are placed on the TECHNOROOF TOP thermal insulation layer. Boards with an inclination of 2.5% and 3.0% are available for shaping slopes and with an inclination of 5% for making counter-slopes.



THICKNESS RANGE 10 - 200 [mm]

**DECLARED PARAMETERS**

Parameter	Symbol	Unit	Value	Method
Declared thermal conductivity	$\lambda_D$	W/mK	0,039	EN 12667, EN 12939
Thickness tolerance class	T	-	T5	EN 823
Dimensional stability under certain temperature and humidity conditions	DS(70,90)	%	$\leq 1$	EN 1604
Compressive stress at 10% deformation	CS(10)	kPa	$\geq 50$	EN 826
Tensile strength perpendicular to the faces	TR	kPa	$\geq 15$	EN 1607
Point load at 5 mm deformation	PL(5)	N	$\geq 550$	EN 12430
Air flow resistivity	AFr	kPa·s/m <sup>2</sup>	NPD	EN 9053-1
Short-term water absorption	WS	kg/m <sup>2</sup>	$\leq 1$	EN 29767
Long-term water absorption	WL(P)	kg/m <sup>2</sup>	$\leq 3$	EN 16535
Water vapor diffusion resistance coefficient	MU	-	MU1	EN 13162+A1
Reaction to fire	RtF	-	A1	EN 13501-1, EN 15715

NPD - No Performance Declared

**DECLARED THERMAL REISTANCE**

Value of declared thermal resistance $R_D$															
Thickness [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
$R_D$ [m <sup>2</sup> K/W]	0,25	0,50	0,75	1,00	1,25	1,50	1,75	2,05	2,30	2,55	2,80	3,05	3,30	3,55	3,80
Thickness [mm]	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
$R_D$ [m <sup>2</sup> K/W]	4,10	4,35	4,60	4,85	5,10	-	-	-	-	-	-	-	-	-	-





## LOGISTICS INFORMATION

Full truck loading: 22 standard pallets / 11 pallets marked with H2,6

## STORAGE

The product may only be stored outdoors in an intact, originally packed pallet. Protected against the harmful effects of weather conditions and set on a dry and stable surface. Maximum stacking height of pallets up to three meters.

## ADDITIONAL INDICATIONS ON THE LABEL

**H2,6** - pallet with a height of about 2,6 m / twice the amount of the product compared to a standard pallet

**(PILLAR)** - product on a stone wool base instead of a wooden pallet

**(X slabs)** - number of slabs in the pack

**(N) / (S)** - code of the region



Certificate number: **1454-CPR-0292**

Designation code: **MW-EN 13162-T5-DS(70,90)-CS(10)50-TR15-PL(5)550-WS-WL(P)-MU1**

Declaration of performance no: **TNI/FR/TRT50T/2021\_05**

