

UdiTOP® / UdiTOP® Premium Sark Boards






Product A very robust, wood-fibre sark board for rear-ventilated roofs and exterior wall constructions. It is waterproof but at the same time highly vapour-diffusion permeable. A professional alternative to standard sarking and breather membranes.

Application UdiTOP®/ UdiTOP® Premium sark boards are used for the exterior cladding of rear-ventilated roofs and exterior wall constructions providing a vapour permeable, thermal insulating layer
In compliance with the German Roofing Industry Association's guidelines, UdiTOP®/ UdiTOP® Premium sark boards are declared suitable for roof slopes of up to 20° and provide an interlocking layer in 22, 35, 52, 60, 80 and 100 mm insulation thicknesses.

Components Softwood fibres with a homogenous and water impermeable impregnation.

Properties Pressure resistant with a perceptible improvement in the level of cold-, heat- and sound proofing. Tested for water resistance over a weathering period of 12 weeks. Please take note of snow loading in winter! The optimisation of the thermal protection properties through the tongue and groove connection on all edges. UdiTOP® Premium provides even better U-values through its sandwich-layer construction. Officially technically approved, CE-certified and subject to third-party supervision. Suitable for applications on insulated and non-insulated roof and wall constructions in accordance with DIN V 4108-10: DAA, DAD, DI, DZ, DEO, and WAB, WH, WZ. (German standards).

Technical Data	Specific Values	Test Standard	Classification		
			UdiTOP	UdiTOP Premium	
	Description	DIN EN 13 171	WF – EN 13171 – T2		
  	Declared value of the thermal conductivity λ_D	DIN EN 13171	0.049 W/mK	0.049/ 0.042 W/mK	
	Fire behaviour classification	DIN EN 13501-1	E	E	
	Building materials class (German)	DIN 4102	B 2	B 2	
	Apparent Density	EN 1602	ca. 260 kg/m ³	ca. 260/ 170 kg/m ³	
	Tensile strength		≥ 50 kPa	≥ 5/ 50 kPa	
	Compressive strength		≥ 100 kPa	≥ 70/ 100 kPa	
	Water vapour diffusion resistance coefficient	EN 12667	5	5	
	Specific enthalpy capacity c	DIN EN ISO 10456	2100 J/kg K	2100 J/kg K	
	Components		Wood fibres, Binding agents		
	Waste Code		EWC-Code 030105		
	Manufacture and conformity control in accordance with EN 13 171 and BAZ Z-23.15-1625				

Delivery Delivered on single-use pallets.
Packaging dimensions:- 252 cm long x 60 cm wide for 22 to 35 mm insulation thicknesses; 252.5 cm long x 60.5 cm wide for 52 to 60 mm ; 177.5 cm long x 60.5 cm wide for 80 to 100 mm.
Board size: 250 cm long x 58 cm wide for 22 to 60 mm; 175 cm long x 58 cm wide for 80 to 100 mm.
The contents of one pallet provide the following coverage area:
22 mm - each 100 Pieces/ Pallet = 145.00 m², 35 mm - each 62 Pieces/ Pallet = 89.90 m²
52 mm - each 42 Pieces/ Pallet = 60.90 m², 60 mm - each 36 Pieces/ Pallet = 52.20 m²
80 mm - each 26 Pieces/ Pallet = 26.40 m², 100 mm - each 22 Pieces/ Pallet = 22.30 m²

Storage Product should be stored flat and in a cool, dry environment out of direct sunlight.

Quality Control Third Party supervision and quality control by the Materials Testing Institutes MPA North-Rhine Westphalia and LGA Nuremberg.

The technical information provided in this document reflects our current state of knowledge and experience. Due to the wide range of influences possible during the installation and working of the products, this information does not release the installer from their responsibility to carry out their own trials and examinations. This also excludes the implication of a legally binding assurance of particular properties or the suitability for a concrete application. The generally accepted structural rules for construction must be complied with. We reserve the right to make any changes we deem necessary to improve the product or its application and installation. The information contained within this document supersedes all previously dated documents and the information contained within them is herewith invalid. Information relating to current developments is available on our website.

UdiTOP® / UdiTOP® Premium

Sark Boards

Installation

Roof sarking boards:

UdiTOP® Boards are installed starting at the eaves with the tongue of the board facing upwards to the roof ridge. The boards are then laid offset to one another in a tight interlocking manner. The cut-off from the end of the first row may be used to start the second row as long as this provides a sufficient offset overlap to the next rafter. The rest of the boards are then installed as previously described. Any protrusions or edge joints should be treated using UdiSTEAM® Primer LF and sealed wind-tight using UdiSTEAM® Alubutyl or UdiSTEAM® Fix plus System Adhesive. Any damage to the UdiTOP® boards may be professionally repaired using a strip of UdiSTEAM® Butyl Adhesive System. Unprotected exposure to the elements must not exceed 3 months. Initial fixing of the boards is by means of broad-headed nails or staples. The permanent fixing is accomplished using load-bearing nails or screws based upon the appropriate structural calculations relating to the angle of the roof slope, the distance between the rafters and the snow load.

Please take note of the maximum distances between the rafters:

Insulation thickness in mm	Distance in cm
22	85
35	95
52	100
60	105
80	110
100	115

Facade cladding:

UdiTOP® Boards are installed starting at the plinth layer with the tongue of the board facing upwards. The boards are then laid offset to one another in a tight interlocking manner. The cut-off from the end of the first row may be used to start the second row as long as this provides a sufficient offset overlap. The rest of the boards are then installed as previously described. Any protrusions or edge joints should be treated using UdiSTEAM® Primer LF and sealed wind-tight using UdiSTEAM® Alubutyl or UdiSTEAM® Fix plus System Adhesive.

The permanent fixing is accomplished using load-bearing screws based upon the appropriate structural calculations relating to the type of cladding to be fixed, the type of mounting framework etc.

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