



# PRODUCT DATA SHEET

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TS EN 1504-2

## BTMSEAL ALFAHİRİT (TRANSPARENT)

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<b>PRODUCT DESCRIPTION</b>	BTMSEAL ALFAHİRİT TRANSPARENT is which can be applied - 5 ° C and at temperatures above , can be applied to wet surfaces , not require primer , 2mm. crack featured bridging, solventless, cyanate-free, fast curing, easy to apply, has 100% solid (solventless), hybrid polymer based transparent waterproofing material. Excised after application, U.V. durable, rugged and crack-bridging feature creates a structure. Elastomeric property by reason of the performance remains the same even at low temperatures.			
<b>PRODUCT USAGE</b>	<p><b>Product Usage:</b>Terraces and balconies for heavy pedestrian traffic ,In the basement of the inner and outer surfaces, Repair of surface cracks up to 5 mm. The interior and exterior surfaces of the domes and facades. In the roof gutters, Waterproofing for under ceramic tile application , Chemical resistant to weak acids and alkalines.</p> <p><b>Substrates:</b>Concrete , Cured or uncured fresh concrete, Glass or glassy surfaces , Bright and matte ceramic surfaces , Steel and stainless steel , Aluminium , Galvanized iron sheets ,Copper , Zinc , Wood , The slate or stone coated bituminous membranes, Old bituminous or asphalt based coatings or membranes , Ceramic or natural stones such as marble/granite/travertine applied surfaces.</p>			
<b>SURFACE PREPARATIONS and APPLICATION</b>	<p>Application surface, dust, loose parts, such as anti-stick material be free or oil is required. Successful application, the correct surface preparation and can be achieved by using the right materials. Application surface may be damp or wet ground. But should not puddles.</p> <p>The surfaces of dust and waste with the help of an electric vacuum cleaner should be cleaned thoroughly. Wash the surface with clean water if necessary.</p> <p>Applications will be cracks on the surface to be repaired with suitable materials.</p> <p>The application will be covered with ceramic surface, which fully adheres to the surface of the ceramic material of the strength of the joints should be inspected and replaced if necessary or missing parts must be completed.</p> <p>Do not add any material to the BTM SEAL ALPHA HYBRID TRANSPARENT and thinning before. Firstly, expansion joints, dilatation and water expenses must be checked and combinations thereof shall be provided with BTM SEAL ALPHA HYBRID TRANSPARENT.</p> <p>Wall floor joints such as the formation of cold joints should be splaying with suitable materials. BTM SEAL ALPHA HYBRID TRANSPARENT must be applied two coats. 12-24 hours after the first coat is applied, from the other direction to the first application layer, the second layer should be applied.</p>			
<b>APPLICATION TOOLS&amp;PACKAGING</b>	Brush, roller or airless spray & 15 kg and 4,5 kg Buckets			
<b>CONSUMPTION</b>	1,500 Kg/m <sup>2</sup> .mm (according to the surface condition for 1 mm. thickness)			
<b>TEST</b>	<b>METHOD</b>	<b>UNIT</b>	<b>TOLERANCE</b>	<b>VALUES</b>
Base	-	-	-	Hyrid polymer
Application Thickness	Inhouse lab	mm	±0,1	1,1
Density	TS 132	g/ml	±0,02	1
Solid Content	TS 132	%	-	99
Viscosity	ASTM 2196	c P	±100	1000
Tensile Strenght	EN ISO 527-3, ASTM D 412	N/mm <sup>2</sup>	-	5
Elongation at break	EN ISO 527-3, ASTM D 412	%	±%20	100
Reaction to fire	EN 13501-1	-	-	E
Water Vapor Permeability ( SD)	EN ISO 7783	m	SD<5	CLASS I
Capillary Water Absorption and Water Permeability (w)	EN 1062-3	kg/m <sup>2</sup> .h <sup>0,5</sup>	≤0,1	w<0,1
Hardness (Shore A)	ASTAM D 2240	-	±5	83
Completion of Cure	Inhouse lab	day		7
Film forming time (25°C, 50%R.H.)	Inhouse lab	min.	±5	45
Crack Biridging	Inhouse lab	mm	-	2
Application Temperature	-	°C	±5	0-30

\* For information and advice on the safe handling,storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet

The manufacturer serves the right to modify, at any time, the characteristics of its products

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