



www.btm.co  
Bituminous Waterproofing Membranes Co.  
Kemalpaşa Org. San. Bölgesi Mah. Gazi Bulvarı. No:  
152 Kemalpaşa / İZMİR / TURKEY  
Tel: +90 0232 877 04 02 (8 line)  
Fax: +90 0232 877 04 10

## PRODUCT DATA SHEET



TS EN 1504-2

### BTMSEAL ALFAHİBRİT

Document number :PDS-320-2

Publication Date :25.Jan.2019 Revision date : 28.02.2022

<b>PRODUCT DESCRIPTION</b>	BTMSEAL ALPHA HYBRID 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 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>	<ul style="list-style-type: none"> <li>•Application surface, dust, loose parts, such as anti-stick material be free of 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.</li> <li>•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.</li> <li>•Applications will be cracks on the surface to be repaired with suitable materials.</li> <li>•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.</li> <li>•Do not add any material to the ALFAHİBRİT and thinning before.</li> <li>•Firstly, expansion joints, dilatation and water expenses must be checked and combinations thereof shall be provided with ALFAHİBRİT.</li> <li>•Wall floor joints such as the formation of cold joints should be splaying with suitable materials. • The application of ALFAHİBRİT is recomanded as one coat.</li> </ul>			
<b>APPLICATION TOOLS&amp;PACKAGING</b>	Brush, roller & 4,5 kg and 20 kg.			
<b>COLOUR</b>	White& Gray			
<b>CONSUMPTION</b>	1,8-2,2 kg/m <sup>2</sup> for smooth surfaces, the consumption may vary according to the surface condition			
TEST	METHOD	UNIT	TOLERANCE	VALUES
Base	-	-	-	Hyrid polymer
Colour	-	-	-	White & Grey
Application Thickness	Inhouse lab	mm	±0,1	>1,5
Density	TS 132	g/ml	±0,02	1,43
Solid Content	TS 132	%	±2	100
Viscosity	ASTM 2196	c P	±2000	6500
Tensile Strenght	EN ISO 527-3, ASTM D 412	N/mm <sup>2</sup>	±0,04	1,8
Elongation at break	EN ISO 527-3, ASTM D 412	%	±0,15	200
Reaction to fire	EN 13501-1	-	-	E
External Fire Performance	EN 13501-5	-	-	B roof (t <sub>2</sub> )
Water Vapor Permeability ( SD)	EN ISO 7783	m	SD<5	CLASS I
Bond Strenght by Pull-off	EN 1542	N/mm <sup>2</sup>	≥ 0,8	Crack closure or Flexible systems. Without traffic load
Watertightness	TS EN 1928 (METOD B)	bar	≥ 1	1,5
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	40
Completion of Cure	Inhouse lab	day		7
Film forming time (25°C, 50%R.H.)	Inhouse lab	min.	±5	45
Water Vapour Permeability	EN ISO 7783	m	-	S <sub>D</sub> <5
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

BF/14-17-0