



# PRODUCT DATA SHEET

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## BTMSEAL PU 3500

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<b>PRODUCT DESCRIPTION</b>	BTMSEAL PU 3500 is U.V.resistant, elastomeric, transparent, polyurethane based, flexible waterproofing coating material for vertical and horizontal surfaces. After application, seamless, durable and creates a structure capable of bridging cracks. Elastomeric property by reason of the performance remains the same even at low temperatures.			
<b>USAGE</b>	Mineral based roofs, terraces and concrete surfaces, ceramic coated roof floors, cement based sheets surfaces and under tile waterproofing applications.			
<b>APPLICATION METHOD</b>	<b>SURFACE PREPARATION:</b> 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. <ul style="list-style-type: none"><li>• The surfaces of dust and waste with the help of an electric vacuum cleaner should be cleaned thoroughly.</li><li>• The surface damage should be repaired with a suitable repair material.</li><li>• The surface must be mechanically roughened.</li><li>• Repairs have been completed roughened with BTMSEAL E2K F, surfaces should be primed with BTMSEAL AA 0106 (for dry surfaces that have humid content lower than %4) or BTMSEAL E2K NB (for surfaces that have humid content between %4-%8)</li></ul> <b>APPLICATION:</b> <ul style="list-style-type: none"><li>• BTMSEAL PU 3500 should be applied with brush, roller or airless spray in two layers.</li><li>• The second coat of the first coat as the cross, after the first layer formed on the walkability (12-24 hours depending on weather conditions) should be applied.</li><li>• Each application should be maximum 1 mm.</li></ul>			
<b>CONSUMPTION</b>	1,4 – 2,0 Kg/m <sup>2</sup> (according to the surface condition)			
<b>PACKAGING</b>	20 Kg. Bucket			
<b>TEST</b>	<b>METOD</b>	<b>UNIT</b>	<b>TOLERANCE</b>	<b>RESULT</b>
Base	-	-	-	Polyurethane Prepolymer
Colour	-	-	-	Clear
Density	TS 132	g/ml	±0,05	0,98
Viscosity	ASTM 2196	c P	±100	400
Tensile Strenght	ASTM D 412& EN ISO 527-3	N/mm <sup>2</sup>	±0,1	25
Elongation	ASTM D 412& EN ISO 527-3	%	±50	300
Water vapour Transmission Properties ( SD)	EN ISO 7783	m	SD<5	Class I
Pull-off	ASTM D 4541	N/mm <sup>2</sup>	±0,1	≥1,5
Determination of Liquid Water Permeability (w)	EN 1062-3	kg/m <sup>2</sup> .h <sup>0,5</sup>	-	<1
Hardness	ASTM D 2240& EN ISO 868	Shore A	-	70
Completion of Cure (23 °C)	-	Day		7
Pot life (23 °C)	-	min.	±5	40
Application Temperature	-	°C	±5	10-30

\* 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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