



PRODUCT DATA SHEET

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BTMSEAL AA 0106

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PRODUCT DESCRIPTION	BTMSEAL AA 0106 is solvent free low viscosity two component, transparent impregnation primer based on epoxy base (resin) and reactor (hardener). It is used specially as a primer to bind BTMSEAL products such as polyurathane and polyurea based rigidly to the substrate. Pack A & Pack B are pre-measured quantity of Resin and Hardener and need only mixing at site.			
USAGE	BTMSEAL AA 0106 is used on block work, brick, rendering, stone, wood, concrete and mortar surface etc.			
APPLICATION METHOD	<p>SURFACE PREPARATION: The entire surface area should be clean, dry, sound, and free from dirt, dust, grease, oils, waxes, mildew and any other surface contaminants that may adversely affect the performance of this coating material.</p> <ul style="list-style-type: none"> Remove any loose scale, chalked, cracked or peeling paint from previously painted surfaces by hand scraping, sanding wire brushing and/or power tool cleaning, such as sandblasting. For metal roof surfaces, remove any loose rust, mill scale, rust deposits or white rust from metal surface by the same methods as described above. Cleaning with solvent or strong detergent is advisable to ensure surface is free from grease, oil etc. Do not allow the surface to re-oxidize before the application of BTMSEAL AA 0106. Repair using suitable cementitious or epoxy repair mortar any damaged and/or delaminated surface areas. Sand all rough paint edges smooth to adjacent surface area. Sand all glossy surfaces to effectively dull existing finish. Mortars and concrete should be fully cured i.e. at least 28 days at 25°C. <p>MIXING: Mix all of Pack A(Base) with all of Pack B (Hardener) for at least 3 minutes with slow speed hand drill. Pack A & B are pre-weighed and should be used in full quantity.</p> <p>APPLICATION: Apply using a roller or brush.</p>			
CONSUMPTION	0,150-0,200 Kg/m ² single coat (according to the surface)			
PACKAGING	A component :12 kg pail, B component:6 kg pail.			
TEST	METOD	UNIT	TOLERANCE	RESULT
Base	-	-	-	Epoxy
Colour	-	-	-	Amber
Density	TS 132	g/ml	±0,05	1,1
Viscosity	ASTM 2196	c P	±100	800-1200
Compressive Strenght	-	N/mm ²	±5	70
Water vapour Transmission Properties (SD)	EN ISO 7783	m	SD<5	Class I
Adhesion to Concrete	ASTM D 4541	N/mm ²	-	≥2
Determination of Liquid Water Permeability (w)	EN 1062-3	kg/m ² .h ^{0,5}	-	<0,1
Hardness	ASTM D 2240& EN ISO 868	Shore A	-	65
Completion of Cure (23 °C)	-	Day	-	7
Pot life (23 °C)	-	hour	±1	25
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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