

BRICKSEAL

PRODUCT CODE: WBS 1

TECHNICAL DATA SHEET

Product Description	A clear siloxane based water repellent treatment.													
Intended Uses	PLASCON BRICKSEAL is used to create water repellency on unpainted bricks, stone, concrete, cement plaster, fibre-cement and other masonry materials.													
Features & Benefits	<ul style="list-style-type: none"> • Does not change the natural appearance of the substrate. • After evaporation of the solvent the PLASCON BRICKSEAL lines the walls of the pores in the substrate while the pores remain open, allowing air movement and maintaining the natural breathing characteristics of the substrate. • Siloxane based giving superior water repellency. • Enhances protection against spalling and cracking caused by corrosion of the reinforcing steel. • Reduction of efflorescence. • Improved thermal retention. • Impedance of fungal growth. • Protection of joints from decay caused by acidic industrial atmosphere and frost. • Longer retention of new, clean appearance - prevents staining of stone and brickwork. • Preserves the natural appearance. • When fully cured it may be overcoated with decorative waterborne and solvent borne paints. This combination enhances the weatherproofing properties of conventional coatings. 													
Product Information	Appearance	Clear												
	Colour	Colourless												
	Solids	8,6 %												
	Viscosity at 23 °C	10 " FC4 (typical)												
	Spreading rate	The spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.												
	VOC	797 g/L												
Application Details	Mixing	Stir or shake well before use.												
	Method	Brush, roller, spray or dipping.												
	Thinning	No thinning required for normal applications. Thin 1:1 with MINERAL TURPENTINE (AZH 1) before application to dark surfaces to prevent the development of a hazy appearance.												
	Cleaning	POLYCELL BRUSH CLEANER or MINERAL TURPENTINE (AZH 1) .												
	Drying time	Touch dry: 30 Mins @ 23 °C Over coating (by itself): 4 h @ 23 °C Overcoating with other paints: Min 24 h @ 23 °C Water repellency: Approx. 24 h @ 23 °C												
	Application Environment	<table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min: 10 °C</td> <td>Min: 10 °C</td> <td>Min: 10%</td> </tr> <tr> <td colspan="3">or 2 °C min. above dew point</td> </tr> <tr> <td>Max: 35 °C</td> <td>Max: 35 °C</td> <td>Max: 85 %</td> </tr> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 2 °C min. above dew point			Max: 35 °C	Max: 35 °C	Max: 85 %
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Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5L													

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Surface Preparation	<ul style="list-style-type: none"> • Surfaces must be clean and dry to ensure maximum penetration. • Remove dirt and loose material, grime, moss and fungus. • Repair any cracks and joints, including defective pointing in the brickwork. • New plaster, mortar and concrete should be allowed to cure for 28 days before coating.
Application	<ul style="list-style-type: none"> • Ready for use for brush, roller, spray application, (Stirrup pump may be used to spray wall surfaces). Over dark surfaces Thin 1:1 with MINERAL TURPENTINE (AZH 1) before spraying to prevent the development of a hazy appearance. • Apply liberally ensuring that the whole surface is covered and absorbency is satisfied. • Method: Work from the top of a vertical wall down to the bottom. Apply in horizontal bands in such a manner that a wet curtain of approximately 30 cm is formed below the applied band. Immediately apply the next band over this wet curtain to produce a further wet curtain of 30 cm below that. Proceed in this manner down to the bottom of the wall. This constitutes one full coat which is usually sufficient to achieve optimum waterproofing. • Highly absorbent surfaces may however require a second coat, applied in a similar manner, allowing the first coat to dry for a minimum of 4 hours, to satisfy absorbency and achieve optimum performance. • Dipping: Bricks, block and prefabricated sections may be coated by dipping.
Cautions	<ul style="list-style-type: none"> • Clean equipment immediately after use with POLYCELL BRUSH CLEANER or MINERAL TURPENTINE (AZH 1). • Brushes, rollers and spraying equipment if not cleaned thoroughly may cause "cissing" when later used with enamel paints. • Over dark surfaces care should be taken that pools of BRICKSEAL are not formed. This may, under some conditions, cause it to dry with a haze. • Avoid overspray onto aluminium, glass and other painted surfaces. • Do not overcoat with lime and cement washes. • Do not expose contents to the atmosphere during storage - keep tightly closed.
Safety Precautions	<ul style="list-style-type: none"> • Always keep paint out of reach of children. • Ensure good ventilation during application and drying. • If accidental contact with skin should occur, wash immediately with soap and water or a recognized skin cleaner. • Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. • Harmful if swallowed. Seek medical attention and do not induce vomiting. • Do not smoke while painting. • Flammable. Store in a cool dry place away from heat and sparks. • Refer to Material Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B.: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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