



PLASCON BRICKSEAL

TECHNICAL DATA SHEET NO.: S-10-D
DATE: OCTOBER 2005

PRODUCT CODE: WBS 1

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	<ul style="list-style-type: none">A colourless solvent based water repellent treatment.		
Intended Uses	<ul style="list-style-type: none">PLASCON BRICKSEAL is used to create water repellency on unpainted bricks, stone, concrete, cement plaster, fibred-cement and other masonry materials.		
Features	<ul style="list-style-type: none">Does not change the natural appearance of the substrate.After evaporation of the solvent the PLASCON BRICK SEAL 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. Due to the water repellent properties, the surface sheds off water and prevents absorption almost completely. The elimination of water absorption will have the following advantages: 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 (applied)	Clear	
	Appearance (in container)	Slight haze	
	Solids	8,6 %	
	Spreading rate	Depends on substrate porosity	
	Viscosity at 23 °C	10 " Ford Cup No.4 (typical)	
	S G at 23° C	0,80 kg / ℓ (typical)	
	Flash Point	38 °C	
Application Details	Mixing	Stir or shake well before use.	
	Substrate	Well prepared brick, stone, concrete, fibre-cement.	
	Method	Brush, roller or spray or dipping.	
	Thinner	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. (See Application).	
	Cleaning	AQUASOLV DEGREASER (GR 1) or POLYCELL BRUSH CLEANER PAINT AND GREASE REMOVER.	
Application Environment		Surface Temperature	Ambient Temperature
		Min.: 5 °C	Min.: 5 °C
		or 2 °C min. above dew point	
		Max.: 40 °C	Max.: 40 °C
		Max.: 85 %	
Drying time		Touch dry	½ h at 23 °C
		Dry to handle	1 h at 23 °C
		Recoating (by itself)	4 h at 23 °C
		Overcoating with other paints	Min 24 h at 23 °C
		Water repellency	Full water repellency develops after approximately 24 hours @ 23 °C.
Storage and Packaging	Store away from direct sun, heat and severe cold.		
	Packaging: 5 ℓ		
Transportation	Paint, UN 1263, Packaging Group 3, Flammable 3.		

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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. 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 PLASCON BRICKSEAL 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. Over dark surfaces care should be taken that pools of PLASCON BRICKSEAL are not formed. This may, under some conditions, cause PLASCON BRICKSEAL to dry with a haze. It is recommended that PLASCON BRICKSEAL be thinned 50: 50 with MINERAL TURPENTINE (AZH 1) before spraying onto dark areas. Dipping: Bricks, block and prefabricated sections may be coated by dipping.
Cautions	<ul style="list-style-type: none"> Clean equipment immediately after use with AQUASOLV DEGREASER (GR 1) or POLYCELL BRUSH CLEANER Brushes, rollers and spraying equipment if not cleaned thoroughly may cause "cissing" when later used with enamel paints. Avoid overspray onto aluminium, glass and other painted surfaces. Do not overcoat PLASCON BRICKSEAL 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 recognised 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.

BARLOWORLD PLASCON SOUTH AFRICA (PTY) LIMITED

CAPE TOWN:

P O Box 42
Eppindust 7475
Tel: (021) 505-2400
Fax: (021) 534-3791

DURBAN:

Private Bag X16
Mobeni 4060
Tel: (031) 451-3200
Fax: (031) 451-3411

MOGALE CITY

(KRUGERSDORP):
Private Bag X4010
Kenmare 1745
Tel: (011) 951-4500
Fax: (011) 955-4136

PORT ELIZABETH:

P O Box 1594
Port Elizabeth 6000
Tel: (041) 401-1400
Fax: (041) 453-4596

