

Polyglaze®

PZ 306 FLEX WP



PRODUCT DESCRIPTION

Polyglaze PZ 306 Flex WP is a high polymer based liquid with fine chemicals, used in combination with cement to form a brushable, flexible waterproofing membrane. It is applied using a paint brush to create a durable coating.

AREAS OF APPLICATION

- ◆ Interior and exterior walls
- ◆ Washrooms
- ◆ Swimming pools
- ◆ Terrace and balconies
- ◆ Concrete surfaces
- ◆ Podiums
- ◆ Water tanks
- ◆ Plywood
- ◆ On any absorbent surfaces

ADVANTAGES

- ◆ Ready to use after mixing equal quantity with cement by weight
- ◆ Being a paste, it can be easily applied at the nooks and corners
- ◆ It covers hair line cracks and will not allow water seep through the treated surface
- ◆ As the product is polymer modified, it is flexible and has a crack bridging capacity of 1 mm to 2 mm

APPLICATION METHODOLOGY

Surface Preparation

- ◆ Ensure all surfaces are levelled, clean, structurally sound and free from dirt, oil, grease, paint, concrete sealers, etc

Mixing / Application

- ◆ Mix 53 grade cement and PZ 306 Flex WP in a ratio of 1:1 by weight (eg: mix 1 kg of cement with 1kg of PZ 306 Flex WP)
- ◆ Apply the first coat with a paint brush
- ◆ Wait at least 5 hours (temperature dependent), then apply the second coat in the opposite direction to the first coat
- ◆ Allow the coating to dry for 7 days, to check water absorption
- ◆ Primer, paint or tile can be applied after 24 hours of self drying
- ◆ The performance of product depends on surface preparation and coating thickness

PACKAGING

- ◆ Polyglaze PZ 306 Flex WP is available in 1kg, 5kg bottles and 25kg cans

STORAGE & SHELF LIFE

- ◆ Store in a dry place away from moisture and sunlight
- ◆ Best before 12 months from the manufacturing date in original sealed condition

PRECAUTIONS & LIMITATIONS

- ◆ Ensure liquid is uniform and free from lumps
- ◆ Avoid high-speed mixing with electric mixing equipment
- ◆ Do not dilute with water or other solvents
- ◆ Do not exceed 600 microns per coat as thicker layers may lead to cracks

TECHNICAL DATA SHEET

PHYSICAL PROPERTIES

Physical Appearance	Milky White Liquid
Application Temperature	8°C to 40°C
Touch Dry Time	Approx. 45 - 55 Minutes
Re-Coat Time	5 - 6 Hours
Full Cure	7 Days

PERFORMANCE PROPERTIES

PROPERTIES	STANDARD	PZ 306 FLEX WP
Pot Life @ 27° C	NIL	60 mins
Tensile Strength	ASTM D 2370-2016	> 1.9 N/mm ²
Pull Off Adhesion Strength @ 28 Days	ASTM D 7234-2022	> 1.5 N/mm ²
Water Absorption g / 100 cm ²	ASTM C 1403-2022	NIL
Crack Bridging Ability	EN 1062-7(A) - 2004	Upto 2 mm

COVERAGE

45 - 50 Sqft / kg for 2 coats

- ◆ Recommended thickness per layer is 0.6 mm
- ◆ Above values are under standard test conditions, variations may apply based on actual site or substrate conditions.
- ◆ The above test results were achieved under Standard Laboratory Conditions at Temp: 27 ± 2° C & Rh: 65 ± 5%.

HEALTH & SAFETY

- ◆ Use a respiratory mask and protective gloves during application.
- ◆ Clean hands with soap and water after application.
- ◆ Avoid contact with skin / eyes. In case of unlikely contact, rinse eyes immediately with plenty of clean water and cleanse skin with soap and lukewarm water. Seek medical advice if irritation occurs / persists.
- ◆ In case of unlikely swallowing, seek medical attention immediately.

Disclaimer:

The information in this TDS is for general guidance only. Specific advice for site conditions is available upon request. Details provided by the company are in good faith, when product is properly stored, handled, and applied under normal conditions. The site conditions, material compatibility, and workmanship are beyond our control, no warranties expressed or implied are given. The company accepts no liability for unsatisfactory results or consequential damages arising from product use.



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