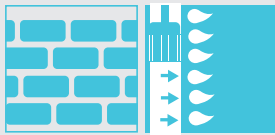




aplica Dry

**SINGLE COMPONENT POLYMER BASED
WATERPROOFING MORTAR FOR
CONCRETE PROTECTION.**

- Waterproofing cum restoration
- High bond strength
- Sulphate resistant
- Positive and negative side waterproofing



DESCRIPTION

APLICA DRY is a mortar made of cements, aggregate, waterproofing polymers and special additives. Positive and negative side waterproofing.

SURFACES

- Cement based concrete/RCC/shear walls
- Precast structures/MIVON

APPLICATION AREAS

- Internal & External use
- Underground water tanks and lift pits
- Canals
- Basement and car parking
- Tunnels

PACK

25 Kg

MIXING RATIO

5.5 Lit water per pack

SHELF LIFE

12 months in original unopened packing

COLOUR

Grey

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APPLICATION STEPS



Thoroughly clean the surface by mechanical scarification with ensuring no dirt, dust and free from adhesion de-promoters like oil, grease etc.



Damp the surface with water to SSD condition (Saturated surface dry condition).



Add **Aplica Dry - Powder** in bucket containing water and mix with mechanically operated mixer.



Apply 1st layer on surface using plane trowel in single direction with covering all voids and cracks. (wait for 6-7 hrs to dry)



Apply 2nd coat on surface using plane trowel in opposite direction to first and ensure all potholes completely covered with total layers.

RECOMMENDATIONS

- Treat all the weak connections, and cracks with suitable repairing agent prior to waterproofing applications.
- Treat corner junction with flexibles tapes or coving modified with polymers.
- Do not allow any foot traffic on treated surfaces atleast 48 hrs post application of final coating.

DO NOT USE

- Addition of other ingredients which may alter final performance of the product.
- On stagnant water

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WORKABILITY PERFORMANCE

Appearance of powder	Grey
Appearance of mixture	Dark grey
Mixed density (gm/cc)	1.6
Recommended thickness (mm)	5 to 20
Coverage (Kg/sq.m/mm)	1.6
Suggested coats (No.)	> 2
Temperature of surfaces and materials (°C)	From -5 to +40
Recoating after (Hrs)	> 6
Pot life (Mins)	≥ 60
Touch dry time (Mins)	> 60

at 27±2°C temperature and 65±5% humidity

TECHNICAL PERFORMANCE

PERFORMANCE	Standard	Results
Pull of adhesion strength after 28 days (Mpa)	EN 1542: 1999	> 1.5
Compressive strength after 28 days (Mpa)	EN 12190: 1999	> 25
Water permeability at 2 bar without waterproofing (mm)	EN 12390-8: 2019	18
Water permeability at 2 bar with waterproofing (mm)	EN 12390-8: 2019	Nil
Permeability to water vapour (Gm/Sqm/day)	ASTM E 96: 2022	> 15.6
Linear shrinkage (%)	ASTM C157: 2017	< 0.08
Reaction to fire	-	Euroclass A1

at 27±2°C temperature and 65±5% humidity

Disclaimer: While our products are formulated to adhere to industry standards and recommended application methods, we cannot be held responsible for any misuse, improper application, or deviation from our provided guidelines. It is essential to follow the prescribed instructions and use the product within its intended purpose for optimal results. Any alternative use or application outside our guidelines is done at the user's own risk.

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