



302 FWP

Two component cementitious acrylic waterproofing specially designed for facades waterproofing application. It forms a seamless, flexible, weather resistant, moisture barrier and vapor permeable waterproofing coating to meet high end performance in hot and tropical climatic conditions.



FEATURES/BENEFITS

- Excellent Bond Strength
- Vapor permeable- Breathable membrane
- Weather resistant
- Ease of application
- Durable protection
- Alkaline resistance
- Crack bridging ability
- Fire rated: Class A

MANUFACTURER

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USES

- Suitable for waterproofing application over concrete and masonry surfaces prior to aluminium/ glass cladding or any non-load bearing assemblies.
- Suitable environment friendly alternative to bitumen-based moisture barrier coating.
- Suitable waterproofing in compliance to ASTM E84 Class A fire rating requirement for façade protective coatings.

STANDARDS/CERTIFICATIONS

ASTM E84 Class A

Packaging:

26.7 Kg set (20 kg Powder Bag and 6.7 kg Liquid Can)

Approximate Coverage: 1–1.5 kg/sqm/coats

Recommended two coats to achieve 1 – 1.5 mm film thickness. Actual coverage may vary due to texture, porosity of substrates and application methods.

Shelf Life: Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored off the ground in a dry area. Extreme storage conditions will reduce the shelf life.

Limitations

- 302 FWP is not recommended for continuous water submerged conditions.
- Not recommended over bitumen or other protective coatings.

Cautions

Consult SDS for more safety information.

Before using any LATICRETE product:

- Keep out of reach of children.
- Protect finished work until fully cured.
- Check www.laticrete.me for any technical bulletins or updated information about the product and its application.
- Contact your local Technical Sales Representative with any questions.

TECHNICAL DATA**Physical/Working Properties**

Component	2 components: Powder & Liquid
Mixing ratio	3-part Powder: 1part Liquid
Color	Grey
Consistency	Sprayable & Brushable
Density	1.8 - 2.0
pH	8 - 12
Pot life	Up to 2 hrs.
Recoatability	2 - 6 hrs.
Water absorption: ASTM D870	> 90% reduction against control
Tensile Strength: ASTM D412	≥ 1 N/mm ²
Crack Bridging ability (Static): ASTM C1347	Up to 1.5 mm
Water penetration: BSEN 12390-8, @ 2 bar positive hydrostatic pressure	Nil
Bond strength: ASTM D4541	0.8 - 1.4 N/mm ²
Application temperature	5 – 40 °C

Technical data shown in LATICRETE® product data sheets and technical data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Specifications are subject to change without notification. Actual field performance will depend on installation methods and site conditions.

INSTALLATION**Surface Preparation**

Remove all dust, loose and friable material from surfaces preferably by brush or vacuum before application of the product. Concrete substrates must be prepared mechanically or by scarifying equipment to remove cement laitance and achieve an open textured surface. Weak concrete must be removed and surface defects such as blow holes and voids must be fully exposed.

For porous and weak surfaces, Level primer application is recommended prior to 302 FWP.

Mixing

302 FWP is supplied in pre weighed pack consisting of 20 Kg Powder and 6.7 Kg Liquid.

Pour Liquid part in a suitable vessel and stir with a low-speed drill and paddle (300 –500 RPM). Add all of powder part gradually and mix continuously for 3 minutes to a homogenous mix.

Application

Prior to application, saturate the surface with water for better curing and adhesion performance. Apply 302 FWP with brush or spraying unit for large areas.

Brush application: Apply 302 FWP in at least two coats perpendicular to each other to achieve a total thickness of 1.0–1.5 mm. Ensure pinholes, cracks, honeycombing, etc., are thoroughly filled and sealed during application.

Spray application: Please consult LATICRETE Technical Services for suitable on-site mixer or spraying machine recommendations.

Roller application: For plane and flat masonry surface, roller application can be done with medium nap roller. Ensure film uniformity, to achieve waterproofing performance.

Note: In any case do not re-temper mixed 302 FWP mixture with additional water. It will adversely affect overall waterproofing performance.

Cleaning: Clean tools and mixer with water immediately after use, once set it can be removed mechanically.

AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE Telephone: For on-line distributor information, visit www.laticrete.me

Cost: Contact a LATICRETE® closer distributor to obtain complete information and cost.

WARRANTY

The supplier warrants this product will not deteriorate under normal conditions and use, the warranty validity of one (1) year. The product subject to the terms and conditions stated in the LATICRETE® Product Warranty.

TECHNICAL SERVICES

Technical assistance

For information contact:
enquiry@laticrete.me

Technical and safety literature

To obtain technical and safety literature, please visit our website at www.laticrete.me

Warning: The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.
