



aplicaTec Puente Fisuras PCC

TWO COMPONENT, MEMBRANE FOR FLEXIBLE WATERPROOFING WITH HIGH LEVEL OF ADHESION AND DURABILITY.

- Flexible crack bridging
- Waterproofing mortar
- Resistant to chlorinated water
- Lime water resistant

DESCRIPTION

Two-component, flexible, waterproofing mortar made of cement, siliceous aggregates, synthetic resins, and additives.

APPLICATION SURFACES

The application surface must be clean, sound and free from oils, grease, paint, dust, cement grouts, bituminous waste, etc. Tensile strength must be $> 1 \text{ N/mm}^2$. If necessary, we recommend repairing the application surface 24 hours before applying the product by using a repair mortar of the **aplicaTec** Repair range. Absorbent surfaces should be saturated with water before the product is applied. Make sure that no puddles form on the surface. Application will begin when application surfaces get a matt appearance.

INSTRUCTIONS FOR USE



- 1 Shake the liquid component before using. Gradually add the mortar on the liquid component until the desired consistency is achieved. Ratio by weight:
Application by brush/roller/trowel I: A:B = 1:2
(A: liquid component / B: powder component)
- 2 Mix mechanically with clean water at low rpm until you obtain a smooth, lump-free paste.
- 3 The application can be done by trowel, brush, long bristle roller and spraying machine.
- 4 **aplicaTec Puente Fisuras PCC** can be laid with or without a mesh. The junction between fiberglass meshes will be made by overlapping about 3-4 cm. Mesh must be completely covered.
- 5 Always apply two coats with a total thickness of 2 mm to waterproof.
- 6 Once the first coat has hardened (5 hours at 20°C), apply the second coat in perpendicular direction.
- 7 Wait a minimum curing time of 7 days before painting or before contact with water.
- 8 The finish can be accomplished by trowel.

APPLICATIONS

- Semi-flexible waterproofing mortar for concrete structures, mortar surfaces, brickwork, blockwork...
- Waterproofing seal of surfaces before laying ceramic tiles or natural stone.
- Waterproofing coatings and surface protection that require flexibility on risk of small cracks.
- Waterproofing for tanks, swimming pools and canals.
- Balcony and terrace waterproofing.
- Waterproofing of foundations, pits, slabs, exterior walls, lift shafts and tunnels, etc.
- Waterproofing for basements, underground car park.
- Protection of surfaces exposed to icing and de-icing salts.
- Protection for concrete structures in marine environments.

WARNINGS AND RECOMMENDATIONS

- Do not apply the product at temperatures below 5°C or above 35°C .
- As a pre-dosed mortar, water addition is not required.
- Do not apply when frost or rain are forecasted.
- Never add water on the mortar that has lost the workability, properties will be lost.
- It is not a walkable coating.
- Protect from direct sunlight and/or wind.
- Efflorescence can occur in rainy and humid weather. This does not affect the quality of the product.
- **aplicaTec Puente Fisuras PCC** can be painted by using solvent-based paints. The curing time for applying paint is 7 days.
- We recommend wearing rubber gloves when handling this based product.
- All tools must be washed immediately after use. If the product is allowed to dry, it will only be possible to remove it by mechanical means.

aplicaTec Puente Fisuras PCC

FLEXIBLE, WATERPROOFING MORTAR FOR CRACK BRIDGING

PACKAGING

aplicaTec Puente Fisuras PCC is available in 15 kg pre-measured batches (10 kg Powder and 5 ltrs. Liquid Jar). Storage: up to 12 months after manufacturing date in suitable temperature and humidity conditions. The liquid component must be protected against frost.



FEATURES

- Waterproof
- High water vapor permeability
- Low elasticity modulus, achieving high flexibility and reducing the risk of cracking. Ability to bridge small cracks
- Suitable for positive and negative pressure
- Resistant to chlorinated water
- Lime water resistant
- Slows the progression of carbonation
- Excellent adhesion
- High resistance to icing and deicing salts

aplicaTec® SYSTEM STRUCTURE

aplicaTec Puente Fisuras PCC is part of a repair / waterproof system comprising:

- **aplicaTec Armaduras:** Anti-corrosion primer for steel rebars.
- **aplicaTec Reparación (Fluido/Gruoso) R4 PCC:** Structural repair mortar.
- **aplicaTec Puente Fisuras PCC:** Flexible, waterproofing mortar for concrete surface protection.
- **aplicaCer:** Cement-based tile adhesive for laying ceramic or natural stone tiles (minimum Type 2 'T' according to the IS 15477-2019 Standard).

TECHNICAL FEATURES

Features	Values	Test Method
Mixing ratio: Component A:Component B (by weight)	1:2 (for trowel and brush /roller application)	-
Colour	Grey	-
Fresh density (Kg/l)	Approx. 1.7	-
Grain size	0-0.3 mm	-
Coat thickness	1-2 mm	-
Consumption (dry mortar)*	Approx. 1.7 Kg/m ² and mm thickness	-
Pot life	30-40 min	-
Waterproofness test	Water does not penetrate	UNE-EN 14891:A.6.7
Crack Bridging in Standard Conditions	>2 mm	UNE-EN 14891:A.8.2
Crack Bridging at low temperature (-5°C)	>1.1mm	UNE-EN 14891:A.8.3
Crack Bridging at low temperature (-20°C)	>0.75 mm	UNE-EN 14891:A.8.3
Initial strength	>1.0 N/mm ²	UNE-EN 14891:A.6.2
Adhesion after water immersion	>0.5 N/mm ²	UNE-EN 14891:A.6.3
Adhesion after heat	>1.1 N/mm ²	UNE-EN 14891:A.6.5
Adhesion after freezing and thawing cycles	>0.5 N/mm ²	UNE-EN 14891:A.6.6
Adhesion after immersion in lime water	>0.5 N/mm ²	UNE-EN 14891:A.6.9
Adhesion after immersion in chlorinated water	>0.5 N/mm ²	UNE-EN 14891:A.6.8
Conformity	CMO2P	UNE-EN 14891

*Consumption may vary depending on the surface roughness and its planeity.

NOTE

The recommendations for use are based on our own knowledge and experience. The technical data provided have been obtained under normal laboratory conditions, and may therefore vary according to the environmental conditions in the place where the product is used. As the application conditions are beyond our control, the information provided here does not imply that the company accepts responsibility for any variations.

REGISTERED OFFICE:

Infinity Benchmark, 11th Floor, Plot No. G-1, Block EP & GP, Sector V
Salt Lake, Kolkata - 700 091, West Bengal, India
Phone: +91 (033) 4080 3000, Fax: + 91 (033) 2357 6653, E-mail: info@capaindia.in

WORKS:

Plot No. B 300, Ajaymeru Palra, RIICO Industrial Area, Ajmer - 305025, Rajasthan, India
Phone: +91 (0145) 2970337

www.capaindia.in

Name

Mobile

Email