

Aquacrete PVA 10

PVA based Bonding Agent

Description

Aquacrete PVA 10 is a single component, commercial grade, PVA based polymer, consisting of polymer and liquid additives. It can be used as a waterproof membrane for terraces, balconies and roof slabs.

Aquacrete PVA 10 accommodates limited crack movement in underlying surfaces. It develops an excellent bond to most building materials, hence becoming a part of concrete.

Aquacrete PVA 10 is a PVA based polymer used for making of cement based waterproofing slurry that is flexible and can be used as a coating for control of efflorescence.

Aquacrete PVA 10 gives excellent bond strength and can be used as a bonding agent.

Recommended Applications

Aquacrete PVA 10 can be used for water-proofing applications of:

- Basements, Water tanks and Bridge decks
- Terraces, Roofs and Swimming Pools
- Toilets

Aquacrete PVA 10 can be used for protection of concrete against corrosion, salt attack, etc.

Aquacrete PVA 10 is suitable for general concrete repairs too.

Supply

20 kg Pail

Application

Surface Preparation: The application surface must be clean and free from dust, grease and loose particles. Surface may be damp but not saturated.

Priming: Prime the prepared surface using **Aquacrete PVA 10** primer (1 part Aquacrete PVA 10 and 2 parts water) with brush, roller or spray.

Application: Mix **Aquacrete PVA 10** with Portland cement in the ratio of 1 part Aquacrete PVA 10 : ½ part Portland cement, using a slow speed mixer. Material should be preferably mixed in small quantities to avoid wastage.

Apply the **Aquacrete PVA 10** treatment mixture after the primer coat has completely dried.

Minimum 2-3 coats of **Aquacrete PVA 10** are recommended depending on the nature of the surface.

Coverage:

1 Ltr of **Aquacrete PVA 10** mixed as per the recommended dosage will cover approximately 2.0– 2.5 m² area in 2 coats depending upon the surface.

Technical Specification

PROPERTIES	VALUES	TEST STANDARDS
Color	White	-
Consistency	Liquid	-
Density	1.0 Kg/Ltr	ASTM D 1475-98
Solid Content	10±2 %	ASTM D 1644-01
Viscosity	10000-20000 cPs	ASTM D 2196
Wet Flammability	>100°C	ASTM D 3278
Water Vapour Transmission	0.97 g/h-m ²	ASTM E 96
Dry to Touch Time	4 Hours	ASTM D 1640

Storage & Shelf Life

The material in unopened conditioned shall be stored on pallets in a cool and shaded area and should be protected from extreme climatic conditions. The shelf life is 12 months when stored as per recommendation and in un-opened conditions. Failure to comply with the recommended storage conditioning may result in premature deterioration of the product or packaging.

Health & Safety

As with all construction chemical products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting but call for medical assistance immediately.

For professional use only. Keep out of reach of children.

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