



COTEFLEX AP

Single component acrylic polymer



DESCRIPTION

BYZON COTEFLEX AP is acrylic emulsion based, used as a cement modifier when applied, provides good bond with masonry/ cement and thus improves the tensile and flexural strength properties of the mortar.

FEATURS & BENEFITS

- › Improves impermeability
- › Good bonding to most substrates
- › Improves mechanical, flexural strength and abrasion resistance properties
- › Makes mortar waterproof
- › Improves external coating in combination with cement
- › water repellence and antifungal property of the paint
- › Improves resistance to salt permeation

AREA OF APPLICATION

- › Waterproofing of roof slab, sunken slabs, basements, water tanks, sunshades etc.
- › Making polymer mortar for repairs mortars
- › Treatment for leaching and saltpetre action
- › Multipurpose mortar admixture for injection grouts
- › Additives to cement based paints for waterproofing

METHOD OF APPLICATION

- › Remove all dust, laitance or debris the surface must also be free from oil, grease, wax or any other form of foreign matter which might affect adhesion.
- › The surface should be primed with COTEFLEX AP as follows: 1 part of COTEFLEX AP: 2 parts of Water: 4 parts of Cement Mixed material with the above proportion will cover an area of 16-17m²
- › Topcoat shall be mixed with cement in ratio 1:2 respectively to obtain uniform and consistent slurry avoiding any lump formation
- › Stir the material till the entire quantity is applied, so that solids do not settle at the bottom of the container.
- › Cure the repaired area by using COTEFLEX AP to prevent rapid loss of water. In severe drying conditions additional curing methods may also be necessary.
- › Protect uncured mortar from frost and rain.

COMPLIANCE STANDERD

- › ASTM C1202
- › WRAS - "Suitable for use in contact with portable water" - BS 6920: 2000

TECHNICAL INFORMATION

PROPERTIES	RESULT
Appearance	Milky white liquid
pH value	7 to 9
Chloride content	Nil
Pot life @30°C	30 min
Bond strength of concrete	Approx 1 N/mm ²
Solid content	32 to 34 %
Water absorption	1% Maximum
Curing efficiency, %	>55

COVERAGE

- ▶ Priming coat: 15-16 m²/L
Topcoat - 34 - 40 ft² / L (coverage for mix of 1 lit COTEFLEX AP + 2 Kg cement)
However the practical consumption varies depending on the texture and porosity of the surface and the application thickness.

PRECAUTIONS & LIMITATIONS

- ▶ Do not add extra water or more than recommended dosage
- ▶ Recommended dosage to be followed to achieve desired results.

SHELF LIFE

- ▶ 24 months for sealed pack when stored under cover, out of direct sunlight, dampproof condition and protect from extremes of temperature.

PACK SIZE

- ▶ 1, 5,10 ,20, 50, 200 ltr

SAFETY PRECAUTIONS

- ▶ Keep out of reach of children. Wear suitable protective clothing, gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. Limited to professional use only.

Note: All technical data tested in this product data sheet are based on laboratory tests. Actual measured data may vary according to trails and quality of material availability