



PRIMAL AC 33 – ACRYLIC 33 (EMULSIONE ACRYLIC)

Art. 21111

It is a water-based, pure acrylic resin.

It has a milky white appearance, a pH value of approximately 9, and a viscosity of around 3500 mPa·s.

It is used as a consolidant and adhesive in applications such as wall paintings, mosaics, and similar works

Physical and Chemical Properties

- **Solid content:** 46 ± 0.5% at 20 °C
- **Specific gravity:** 1.07 kg/L
- **Appearance:** Milky white liquid (approximate)
- **pH:** 9
- **Viscosity:** Approximately 3500 mPa·s

Film Properties

- **High resistance to yellowing**
- **Good transparency**
- **Excellent protection against UV radiation**
- **Permanent flexibility and elasticity**

Emulsion Properties

- **Excellent stability against freeze-thaw cycles**
- **Compatible with fillers, pigments, and additives**
- **Excellent resistance to soluble salts, including divalent salts**
- **Excellent resistance to impact and abrasion**
- **Excellent miscibility, forming extremely fine dispersions**
- **Good pH stability**

Packaging

- **Packaging sizes: 1 kg – 10 kg – 30 kg**
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Application

Primal AC 33 is a concentrated material used for bonding plaster to plaster.

To fill fine cracks behind the plaster, 200 cc of Primal AC 33 is mixed with 800 cc of water and injected into the cracks using an injector.

After waiting for approximately half a day, the concentration of the mixture is adjusted according to the condition of the cracks in the plaster:

- For fine cracks: 200 cc Primal AC 33 mixed with 800 cc water
- For moderately wide cracks: 300 cc Primal AC 33 mixed with 700 cc water
- For wider cracks: 400 cc Primal AC 33 mixed with 600 cc water



In summary, a lower-viscosity mixture is used for fine cracks, while a higher-viscosity mixture is used for wider cracks.

A waiting period is required after each application. Injection is continued by checking the width and condition of the crack.

Note

Primal AC 33 must not be applied to the surface.

It is not suitable for use on surfaces with decorative wall paintings (kalem işi).

It may cause color changes, and once applied to the surface, it is irreversible.

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