

TECHNICAL SPECIFICATION

PENETRATOR

Acrylate penetration for reinforcement of the absorbent grounds

These conditions are applied for the production, supplies, storage, use and control of the product quality.

I. Technical requirements

Composition: Water solution of the acrylate dispersion and special additives

Acrylate penetration and reinforcement of the absorbent grounds such as concrete, plaster, plasterboard and the like.

Properties:

Penetration agent is designed for the in-depth reinforcement of the ground, it suppresses the capillary action of the soluble salts from the ground, unifies the absorbency, affiliates the incompact parts of the ground, reinforces the ground and increases the adhesion to the top coat. It is suitable for application in the interior and exterior.

Application:

The penetration agent is applied on the porous base such as concrete, lime-casts, lime cement casts, cement and dispersion casts and plasterboard. The surface must be perfectly cleaned from the dust and various impurities, dry and matured. The penetration agent is thinned with water in the rate of 1:1 (very absorbent grounds) to 1:2 according to the ground absorbency. It is applied at a temperature from 5°C to 25°C without a direct sun action. The surface must be saturated with the penetration agent, but no layer of unabsorbed agent may remain on the surface.

It is applied by a brush or roller. The means are washed by water immediately after the work termination.

Richness:

10 – 25 m²/l after thinning

II. Physical and chemical properties

Appearance: milky coloured liquid

Density: about 1.0 g cm^{-3}

pH: 7 - 8

Non-volatile substances content: min 10%

III. Packing, labelling, storage

a/ packing – in the sense of the Act No. 529/2002 Coll. on packings. The packings are from PE.

b/ labelling – pursuant to the Act No. 163/2001 Coll. on chemical substances and chemical preparations. The following is stated on every individual packing:

- product name
- business name and registered seat of the manufacturer
- filling content
- instructions for use
- instructions for the first aid
- manufacture date
- use before 24 months from the manufacture date
- instructions for the packing disposal
- Protect against the freeze!

c/ storing – store at a temperature of $+5$ to $+25^{\circ}\text{C}$ in the original packings.

IV. Safety, protection of health, first aid

Above mentioned data are specified in the safety data sheet.

V. Disposal

Deliver the packings for recycling after a thorough emptying.

VI. Relating regulations.

- Act No. 163/2001 Coll. on chemical substances and chemical preparations
- Act No. 223/2001 Coll. on packings
- Act No. 223/2001 Coll. on wastes
- Act No. 272/1994 Coll. on protection of health of the people