

CEMENT-BASED MORTAR PLASTICISER AND BONDING ENHANCER

DESCRIPTION

PENECRYL™ ELASTIC is a milky white, liquid plasticizer and bonding enhancer, for cement-based mortars. PENECRYL™ ELASTIC is a high solids aqueous dispersion of acrylic ester-styrene copolymer. The dispersion contains an anionic emulsifier system and is free from film forming aids, solvents, plasticizers, and ammonia.

RECOMMENDED FOR

PENECRYL™ ELASTIC is recommended as an enhancing agent of waterproofing and repairing cement-based mortars, ensuring hyper-elastic properties and improved waterproofing and anchoring results.

ADVANTAGES

- ▶ Ensures high flexibility and elasticity of the cement-based mortars and plasters, regarding the mixing ratio and the use as an additive of brush applied waterproofing or repairing cement-based products.
- ▶ Ensures good crack repairing, high waterproofing results and excellent bonding properties of the mortars on concrete, stone, masonry and other cement-based substrates.
- ▶ As a plasticizer of SEAL COAT™ waterproofing product. (see *Product Data Sheet SEAL COAT™*). It can be used undiluted or diluted with clean water in mixing ratios ranging from 1:3 to 3:1.

TECHNICAL CHARACTERISTICS

Characteristics	Test Result	Test Method
<i>Composition</i>	Aqueous dispersion of acrylic ester-styrene copolymer	
<i>Colour</i>	Milky white	
<i>Density</i>	65 lb/ft ³ (1,04 Kg/Lt)	ISO 8962
<i>Solid content</i>	57% ± 1%	ISO 1625, DIN 5318
<i>pH value</i>	7.5 – 8.5	ISO 976, DIN 53785
<i>Viscosity (23°C, 100 1/s)</i>	480-4.000 mPas	DIN EN ISO 3219
<i>Minimum film-forming temperature</i>	18 °F (-8 °C)	ISO 2115, DIN 53787
<i>Mean Particle Size</i>	0.25 µm	

All data are average values obtained under laboratory conditions. Impractical use, temperature, humidity and absorption of the substrate may influence the above given values.

DIRECTIONS FOR USE

Application: For very high elasticity and for SEAL COAT™ ELASTIC system, mix 50 lb (22.68 kg) SEAL COAT™ with 26.5 lb (12 kg) PENECRYL™ ELASTIC, without adding water, using a mix drill and a mixing wand. Indicatively, see the table below for all SEAL COAT™ SYSTEMS (see *Mixing ratios*).

Mixing ratios:

Mixing ratio	Product quantities in lb (kg)
1:2	4.4 lb (2 kg) PENECRYL™ ELASTIC with 8.8 lb (4 kg) Water
1:1	6.6 lb (3 kg) PENECRYL™ ELASTIC with 6.6 lb (3 kg) Water
2:1	8.8 lb (4 kg) PENECRYL™ ELASTIC with 4.4 lb (2 kg) Water

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NOTE: Contact PENETRON ROMANIA for further information, regarding your project.

PACKAGING

PENECRYL™ ELASTIC is available in 8.8 lb (4 kg) and 26.5 lb (12 kg) containers.

STORAGE / SHELF LIFE

PENECRYL™ ELASTIC has shelf life of at least 12 months at 41 °F – 95 °F (5 °C – 35 °C), when stored in a dry enclosed area, away from direct solar radiation. Must not come in contact with metal unprotected from corrosion or non-ferrous metals, during storage.

SAFE HANDLING INFORMATION

Prolonged contact may be irritating to skin and eyes. If contact is made, flush areas with lots of water and seek medical advice. Protective gloves, mask and goggles should be worn. For further information please refer to Material Safety Data Sheet. KEEP OUT OF REACH OF CHILDREN.

WARRANTY – DICLAIMER

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