Technical Information

Acronal® 7802

Polymer Dispersion for Construction

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Chemical Nature

Acronal 7802 is an aqueous anionic dispersion of a copolymer of acrylate and styrene, free of APEO and formaldehyde

Technical Data

Solids Content	51 – 53 %
pH Value	6.5 – 8.5
Viscosity (23°C, DIN EN ISO 2555 RVT)	100 – 300 mPa.s
Density	Approx. 1.04 g/cm3
Tg	Approx. 5 °C

Application Areas

Acronal 7802 is especially designed for the efflorescence protection system, which is combined of Acronal 7802 based 2K cementitious WPM and 1K mastic WPM (based on Acronal 7801) as protective layer.

Acronal 7802 has excellent cement compatibility and imparts elasticity with balanced tensile and elongation, high cohesion, good water resistance, and also outstanding adhesion to the substrates due to the inherent adhesion promoting effect of the dispersion film. The 2K cementitious WPM based on Acronal 7802 offers superior long-term dampness and efflorescence resistance.

Processing

To avoid air voids content increase during processing of Acronal 7802, it is recommended to add defoamer i.e. 0.3-1.0% Foamaster PB 2706 in relation to the liquid component.

To ensure the elasticity of the cured membrane, the powder to liquid mixing ratio should not more than 1.5:1 according to the guiding formulation.

It is strongly recommended to carry out your own trials when developing and processing products contain Acronal 7802. This also includes testing the storage stability of customer's finish products

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Internal