

Technical Information

Styrofan[®] PLUS 7552

Polymer Dispersions for Construction

Chemical Nature

Styrofan[®] PLUS 7552 is an anionic aqueous dispersion of a copolymer of butadiene and styrene. It is free of APEO and formaldehyde.

Application Areas

Styrofan[®] PLUS 7552 is mainly used to manufacture ready-to-use waterproof coating beneath tiles in wet areas.

Waterproof coatings based on Styrofan[®] PLUS 7552 have excellent water resistance, and chemical resistance. i.e. commonly used bleach and detergents.

Waterproof coating based on Styrofan[®] PLUS 7552 gives excellent tensile strength and elongation, high durability after chemical treatment due to its hydrolysis resistant property, good adhesion to the substrate, and crack bridging resistance.

Processing

Styrofan[®] PLUS 7552 is processed by direct adding of inorganic filler with suitable mixing speed.

To avoid problems during storage (impact of microorganisms) we recommend the stabilization with biocide.

It is strongly recommended to carry out your own trials when developing and processing products contains Styrofan[®] PLUS 7552. The compatibility of Styrofan[®] PLUS 7552 with other ingredients of formulations, mixing processes and its adhesion on different substrates, etc, are affected by a variety of factors which are too numerous for us to take into account in BASF trials. This also includes testing the storage stability of customer's finish product.

Technical Data

Solids content	51 - 53%
Viscosity (23°C, DIN EN ISO 2555 RVT)	200 – 800 mPa.S
pH value	7.0 – 8.5
Density	approx. 1.04 g/cm ³
Tg	approx. 2°C

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