

LITEX QuickShield 1545 is an aqueous emulsion of a formaldehyde free, self-crosslinking copolymer of butadiene and styrene.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Solid Content	50.0	%	DIN EN ISO 3251
pH Value	7.5		DIN ISO 976
Viscosity	100	mPas	DIN ISO 1652
Glass Transition Temperature (DSC)	8	°C	DIN EN ISO 11357-2

¹ internal method based upon the specified norm

Application Advice

LITEX QuickShield 1545 is a binder for glass fibre fabrics finishing, and has excellent adhesion to mineral substrates.

Due to its novel formaldehyde free crosslinking system, a quicker crosslinking is obtained already at lower temperatures compared to the standard. After drying and curing, the polymer forms a tack-free, medium stiff and tough film with excellent water and alkali resistance. LITEX QuickShield 1545 can be applied by all common techniques. The low viscosity allows to reduce or even erase the water from the recipes and thus leads to faster drying and significant energy savings. To vary the hand of the finished fabrics, it may be blended with softer or harder SYNTHOMER latices. Additional technical information is available from our technical staff.

Shipping and Storage

Store at an even temperature of between +5°C and +35°C avoiding frost and direct sunlight. Stir product before use. If stored according to these conditions and in the original unopened containers, the dispersion will be stable for 6 months following delivery. Product should be used as soon as possible after opening. Detailed information is available on request.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.