

UNIPOL S 6700

Unipol S 6700 is a plasticizer free water-based dispersion based on (meth)acrylic acid esters and styrene. It is APEO and solvent free and practically odorless.

	Unit	Value	Method
Sales Specifications			
Solids content	%	34 ± 1	DIN 53189 / ISO 1625
Viscosity	mPa·s	50 ± 30	ISO 2555, Brookfield RVT; spindle 4; 20 rpm; 23 °C
pH		8.5 ± 0.5	DIN 53785 / ISO 1148
Typical values of emulsion			
Particle size	µm	0.05	
Minimum film forming temperature (MFFT)	°C	approx. 0	DIN 53787 / ISO 2115
Density	g/cm ³	approx. 1.03	ISO 8962
Typical values of film¹			
Appearance		Clear, flexible, slightly tacky	
Density	g/cm ³		with reference to DIN 53479
Water absorption	%		with reference to DIN 53495
Tensile Strength	Nmm ²	4.5	with reference to DIN 53455
Glass transition temperature (T _g)	°C	approx. 6	DIN 53765 (DSC; heating rate 10 K/min)

(1) Dried in standard conditioning atmosphere at 23 °C and 50 % relative humidity (DIN EN 23270)

Applications

Penetrating Primers

Impregnating wood stains

Specific Information

Unipol S 6700 has a well balanced particle size that makes it the ideal choice for water based primers with excellent penetrating properties. It exhibits very good alkali resistance and exceptional adhesion properties. It can be used both in old surfaces and new well cured renders. Its role is to stabilize the surface treated, consolidate the existing dust and improve adhesion of the final coating.

Unipol S 6700 can be used for the production of wood stains due to the very good flexibility.

Storage

Unipol S 6700 can be stored for at least 6 months between +5°C and +40°C.

Packaging

Unipol S 6700 is available in 120 kg drums, 1.050 kg IBCs and bulk.

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