

LIPREN B is an aqueous high solids dispersion of a polymer of 2-chlorobutadiene (1.3). The dispersion contains an anionic emulsifier system and is free from film forming aids, solvents and plasticizers.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Solids Content	58	%	ISO 124
pH Value	13.0		ISO 976
Viscosity	80	mPas	ISO 1652
Glass Transition Temperature	-41	°C	
Density	1.13	g/cm ³	
Mean Particle Size	0.2	µm	
Minimum Film-Forming Temperature	0	°C	
Surface Tension	37	mN/m	
Water Absorption (24h)	6	%	
Tensile Strength	20	N/mm ²	
Elongation at Break	1100	%	

¹ internal method based upon the specified norm

Application Advice

Owing to its pH value LIPREN B is protected against bacterial and fungal attack during storage. In the manufacture of finished products, the material has to be retreated, as usual, with suitable agents to give enhanced preservation.

Above minimum film-forming temperature LIPREN B forms a film, which is characterized by high flexibility, even in the cold, and good water resistance. Owing to the crystallisation tendency of the polymer the polymer film exhibits high tensile strength at high elongation and therefore excellent elasticity. By addition of LIPREN B to anionic 1- or 2- component bitumen emulsions tensile strength, toughness and ductility and furthermore softening point and flexibility in the cold are raised. Owing to these properties LIPREN B is especially suitable for the improvement of bitumen emulsions for long term sealings of buildings (basement walls, roofs) against water. Bitumen coatings improved by LIPREN B are characterized by excellent ageing resistance.

Shipping and Storage

LIPREN B is supplied in road tankers or in non-returnable plastics drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net weight 1,100 kg). LIPREN B has to be stored protected from frost and at temperatures not higher than + 40°C. Storage at temperatures between + 5 and + 30°C is recommendable. Storage at temperatures over + 30°C for longer periods should be avoided. Stir product before use. Owing to its pH value LIPREN B is protected against germination. Care must be taken to ensure that drums and storage containers are tightly closed. During processing, storage and transport of the product contact with metals unprotected against corrosion (likewise non ferrous metals) has to be avoided. When stored correctly the product has a storage life of 6 months from date of delivery.

Product Safety

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