

LIPATON SB 8100 is a styrene butadiene latex modifier for cement and gypsum based formulations.

For further information regarding this product please refer to:

Construction Synthomer

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Property	Typical Value	Unit	Method ¹
Total Solids Content	41.0	%	ISO 3251
pH Value	9.0		ISO 976
Viscosity	< 150	mPa·s	ISO 1652, Brookfield LVT,#2@ 60 rpm, 25°C
Glass Transition Temperature (T _g)	20	°C	
Ionic Character	anionic		
Multivalent Ion Stability	excellent		
Density	1.05	g/ml	

¹ internal method based upon the specified norm

Application Advice

LIPATON SB 8100 latex binder is for cement and concrete admixtures, as well as gypsum wallboard. It enhances the workability of cement, mortar and concrete, and allows adhesion to old and new concrete substrates.

- Improves compressive and flexural strengths and workability of cement mortar and concrete
- Improved resistance to penetration of acid rain, oil, salts and increased abrasion resistance
- Enhances adhesion between new and old concrete and gypsum substrates
- Outstanding electrolyte stability in highly alkaline environments, gypsum compatible
- Excellent high temperature stability above 150 °C (300 °F)
- Improves nail-pull resistance of gypsum wallboards

It is strongly recommended to evaluate the processing and performance of LIPATON SB 8100 in intended applications prior to its use on job sites. Please contact Synthomer for advice on optimizing formulations to utilize LIPATON SB 8100. Clean all equipment thoroughly after use and sterilize equipment at least every six months.

Typical loading levels of the latex are 5-20% dry-on-dry addition to cement.

Shipping and Storage

The product must be stored in closed containers between + 5 °C and + 35 °C and protected from frost and direct sunlight. If stored according to these conditions and in the original unopened containers, the dispersion will be stable for 6 months following delivery. However some cream formation may occur naturally. It is therefore advisable that the dispersion should be stirred, or mixed before use. Information on environmental and hazard data may be taken from the material safety data sheet.

Product Safety

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