

LIPATON™ SB 40Y40 is a carboxylated styrene-butadiene copolymer dispersion and designed to improve mortar rheology. It does not contain functional defoamer and is stable with hydraulic binders.

For further information regarding this product please refer to:

Construction Synthomer

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| Property                           | Typical Value | Unit  | Method <sup>1</sup> |
|------------------------------------|---------------|-------|---------------------|
| Total Solids Content               | 49.0          | %     | ISO 3251            |
| pH                                 | 9.0           |       | ISO 976             |
| Viscosity (Brookfield LVT, 60 rpm) | 0 - 300       | mPa·s | ISO 1652            |
| Glass Transition Temperature (Tg)  | 9             | °C    | DIN EN ISO 11357-2  |

<sup>1</sup> internal method based upon the specified norm

## Application Advice

LIPATON™ SB 40Y40 is used for modification of hydraulic binders in common applications including repair mortar, flooring, rendering, bonding, mineral sealing slurries and as cement based adhesive. At high temperatures (45 °C) and/or in presence of highly reactive hydraulic binders the addition of LIPATON™ SB 40Y40 improves the rheology of the mixture even under difficult conditions. The dispersion is free from plasticizer and other additives which can migrate.

LIPATON™ SB 40Y40 is a water-based non-ionically stabilised dispersion of a carboxylated styrene-butadiene copolymer. The product does not contain functional defoamer to reduce air entrainment by mixing with cementitious systems and it is designed to be stable with hydraulic binders. This product is free from APEOs and ammonia.

A defoamer containing version of LIPATON™ SB 40Y40 is also available. Please refer to LIPATON™ SB 40Y45.

For additional information, please contact our Technical Service team.

## Shipping and Storage

LIPATON™ SB 40Y40 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 12 months following delivery. However some cream formation cannot be ruled out. 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.