



## High Performance XSBR Dispersion For Liquid Applied Waterproofing

Builders and contractors need liquid-applied waterproofing membranes that deliver dependable protection, products that form seamless barriers, stand up to structural movement, and resist water penetration and surface blush. **LIPATON™ SB 47B40**, a water-based carboxylated styrene-butadiene (XSBR) dispersion, is engineered to meet these expectations and more, helping safeguard bathrooms, kitchens, and other wet areas from costly water damage.

XSBR latex is widely recognized for its good mechanical strength, strong resistance to water and water vapor, high blush resistance, and good adhesion to a wide range of construction substrates. Tests conducted with representative US and European formulations<sup>1</sup> demonstrate **LIPATON™ SB 47B40** delivers these advantages while offering excellent stability with dry-add inorganic fillers. It forms a fast-setting, low-tack, high-strength, water-resistant film, helping installers work more efficiently and contractors reduce lifecycle costs, while increasing confidence in liquid-applied waterproofing systems.

**LIPATON™ SB 47B40** meets ETAG 022 and DIN EN 14891 requirements. Beyond waterproofing, it is a versatile binder suitable for soil stabilization, rail/track stabilization, and damp-proof membranes.

### Property

### LIPATON™ SB 47B40

|                     |                                |
|---------------------|--------------------------------|
| Chemistry           | Carboxylated Styrene Butadiene |
| Solids Content in % | 50.0                           |
| pH value            | 9.5                            |
| Viscosity in mPa·s  | 150                            |
| Tg in °C            | 7                              |

### Features

- Good tensile strength
- Balanced elongation
- Excellent waterproofing performance
- APEO-free and formaldehyde-free

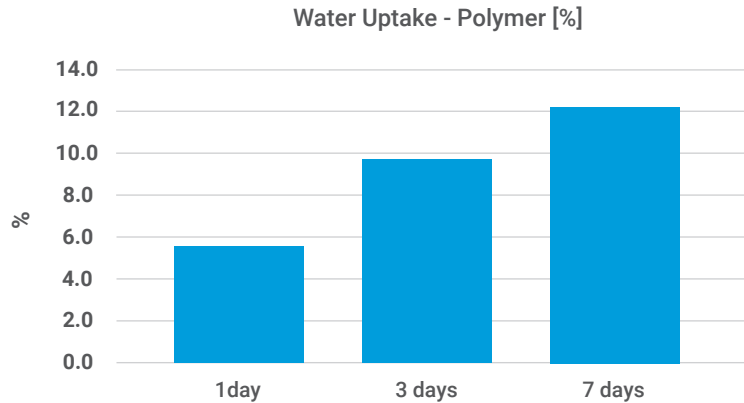
### Applications

- Interior waterproofing layer for floors and walls tiling
- High-moisture areas: bathrooms, kitchens and other wet rooms
- Damp-proof membranes
- Soil stabilisation

<sup>1</sup> Synthomer US and Europe formulations adapt to local raw materials and market norms.

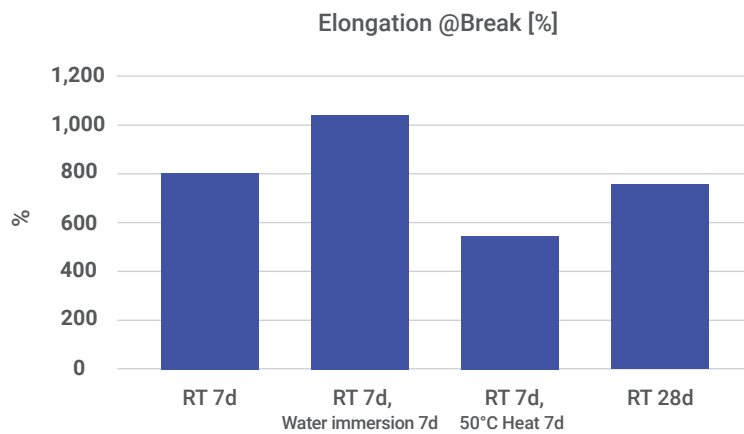
### Performance Comparison

#### Water Uptake



Based on tailored XSBR co-polymer technology, **LIPATON™ SB 47B40** offers inherent hydrophobicity that supports water-proofing performance in liquid-applied membrane systems.

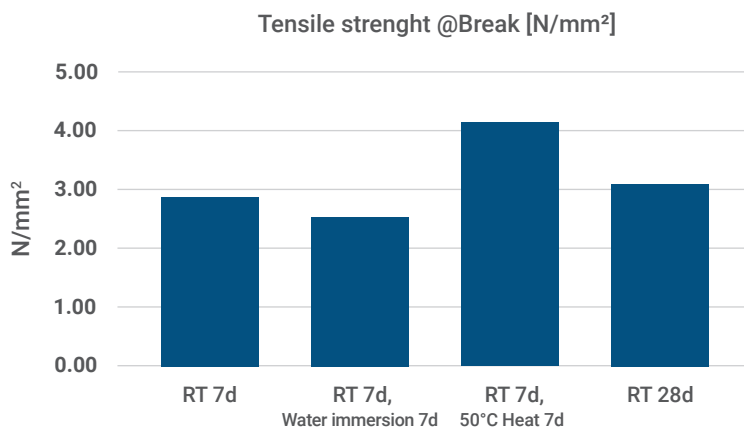
#### Elongation @ Break



Based on Synthomer US formulation  
RT = Room Temperature

**LIPATON™ SB 47B40** membranes exhibit high elongation, contributing to flexible and reliable performance under varied service conditions.

#### Tensile strength @ Break



Based on Synthomer US formulation  
RT = Room Temperature

**LIPATON™ SB 47B40** offers good tensile strength under various service conditions, supporting reliable mechanical behavior in liquid-applied membrane systems.