

Vexgrip SBR is a material based on modified styrene-butadiene rubber emulsion that functions as a bonding agent for concrete casting, plastering, rendering or concrete repair work. It can also be used as a primer for self-adhesive membrane applications, binding surface dust and optimizing the adhesive strength of materials applied to a surface.

BENEFITS

- Increases tensile and flexural strength.
- Makes cement-based mixtures more homogeneous and resistant to water pressure (waterproof).
- Reduces the risk of bleeding and segregation in concrete.
- Contains no chlorides, ensuring long-term strength retention.

PRODUCT SPECIFICATION

Form	Liquid
Type	Modified styrene butadiene rubber bonding agent
Colour	Milky white
Coverage	0.2 - 0.25 kg/m ²

TECHNICAL DATA

Solid Content	± 12%
Density	1 - 1.1 gr/ml
Viscosity (25°C)	13 - 20 Cps
pH	8 - 9

PACKAGING

Vexgrip SBR is available in sizes:

- Large : 200 kg / drum
Medium : 20 kg / pail

APPLICATION of PRODUCT

I. SURFACE PREPARATION AND REQUIREMENT

- The surface must be clean and free from dust, dirt, and other contaminants that can reduce adhesion, such as oil, grease or other spills. If necessary, chipping should be performed to remove contaminants from the surface.
- Concrete or plaster surfaces must be saturated with water (continuously wetted for 1 - 2 hours). Any standing water must be dried before application begins.

Disclaimer. The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials substrates and actual size conditions are such that no warranty in respect of merchantability of or fitness for particular purpose, nor any liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in the brochure may change at any time without notice.

II. APPLICATION

A. As Admixture

For creating mortar to replace concrete, the mixture should be composed as follows :

Vexgrip SBR	10 kg
Cement	50 kg
Concrete sand	150 kg
Water	As needed

**Note : Sand must be thoroughly washed and fall within the grading distribution of zone 2 or zone 3.*

B. As Bonding Agent

Vexgrip SBR should be evenly applied to the cleaned concrete joint area using a brush.

III. CURING

- Concrete joints treated with Vexgrip SBR must not be submerged in water, exposed to dust or dirt, or left for an extended period (as the material will dry out). If such conditions occur, reapply the material after cleaning the previous layer.
- To prevent cracks after casting and plastering, moisten the surface with water or use a curing material.

STORAGE LIFE

Vexgrip SBR can be stored for up to 12 months if kept in a dry and cool place with the packaging intact and undamaged.

HEALTH AND SAFETY

Vexgrip SBR does not contain any hazardous substances for the skin or health. However, wearing gloves during application is recommended to prevent irritation or other issues for individuals with sensitive skin