

**Ressi Guru** is a latex-based, cement-compatible semi-fluid additive designed to improve the water-proofing and flexibility of cement-based materials. Its cost-effectiveness combined with superior performance makes it the ideal solution for construction projects where achieving an optimal balance between price and performance is crucial.

## ADVANTAGES

- ✓ Enhances the tensile and flexural strength of cementitious mixes.
- ✓ Reduces porosity, minimizing vulnerability to aggressive elements.
- ✓ Fully compatible with all types of cement.
- ✓ Provides extended protection against corrosion.
- ✓ Minimizes shrinkage in cement-based applications.
- ✓ Suitable for both internal and external use in combination with cement.
- ✓ Non-toxic and safe for use in various environments.
- ✓ Improves 28 Day compressive strength

## TECHNICAL DATA

Property	Value	Unit
Solid Content	16	%
pH Value	8	-
Viscosity	6000	mPas
Glass transition Material	-5	°C
Density	1.01 ± 0.2	G / cm <sup>3</sup>
Max Particle Size	0.15	µm
Film Forming Temperature	< 3	°C
Elongation at Break	300	%

\*Typical results under laboratory conditions.

## PRODUCT APPLICATION

**As a Bonding Slurry Coat / Coating:** The ratio of **Ressi Guru** to cement should be adjusted based on the required viscosity and flowability at the site. The recommended ratio can range from 1:1 to 1:4, depending on the performance requirements. Further dilution may be applied as necessary to meet project-specific needs.



**As an Additive:** It is recommended to incorporate **Ressi Guru** at a dosage of 0.5% to 6% by weight of cement in cementitious mixes. This additive significantly improves the compressive, flexural, and tensile strength of the mix, while also reducing water permeability compared to mixes without **Ressi Guru**. It is suitable for use in concrete, mortars, and specialized cementitious applications such as tile adhesives, tile grouts, non-shrink cementitious grouts, micro-concrete, and other similar formulations. Prior to application, compatibility with the mix should be carefully evaluated, as inappropriate dosing may negatively impact the intended mix design. Upon proper dosing and mix design, Tensile strength can increase up to 200% over controlled and reduction in water permeability can be achieved up to 50% upon proper usage of **Ressi Guru**.

## COVERAGE

As a neat bonding agent: 5-7 m<sup>2</sup>/ Ltr/Coat. Actual coverage depends on texture and porosity of substrate. As an additive for the tile adhesives, bedding mortars, Sand-cement renders, plasters and screeds, the dosage may vary from 10 to 20% by weight of cement. If incorporated in a mix design, the recommended mix design should be followed for optimum result.

## PACK SIZE

**Ressi Guru** is available in the following packaging:  
1 KG, 5 KG, 15 KG, 25 KG, and 200 Liter Drums.

## PRODUCT PRESERVATION

**Ressi Guru** is preserved against bacterial and fungal attack. In the manufacture of finished product, the material must be retreated, as usual, with suitable biocides to give enhanced preservation.

## SHELF LIFE

12 months from the date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.

## CLEANING

Clean all equipment and tools with water immediately after use. Hardened material can be removed mechanically.

## HEALTH AND SAFETY

**Ressi Guru** is regarded as non-hazardous for transportation. Do not reuse bags or containers and dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application. Please refer to the MSDS of the product for further health and safety information.

## NOTE:

If printed packaging not available, neutral packaging with label. Lot number and manufacturing date to be stamped at the back of each packaging.



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