

**Ressi SLS Primer 1** is a latex based primer to be used over concrete and cementitious surfaces prior to the application of A self-levelling screeding materials such as Ressichem **Ressi SLS 610**. It forms a tacky film over the cementitious floor surfaces which aids in better binding of the screed over the cementitious surface. **Ressi SLS Primer 1** is free from any solvents, plasticizers and ammonia. **Ressi SLS Primer 1** can also be used as an additive in the self-levelling screed materials if further crack reduction from the material and flexibility is required.

## ADVANTAGES

- ✓ Reduces shrinkage in the mix
- ✓ Improves adhesion of self-levelling screed over cementitious surfaces
- ✓ Suitable for both internal and external applications
- ✓ Non-toxic
- ✓ Easy to apply
- ✓ Enhanced usability: Can be used as a primer, a shrinkage reducer for mortars and crack fillers.

## TECHNICAL DATA

Property	Value	Unit
Solid Content	NA (As diluted as per requirement)	%
pH Value	8	-
Viscosity	NA (As diluted as per requirement)	mPas
Glass transition Material	-5	°C
Density	1.01 ± 0.2	G / cm <sup>3</sup>
Mean Particle size	0.15	µm
Minimum film forming temperature	< 3	°C
Surface tension	NA (As diluted as per requirement)	N / mm <sup>2</sup>
Tensile strength	NA (As diluted as per requirement)	N / mm <sup>2</sup>
Elongation at break	NA (As diluted as per requirement)	%

## APPLICATION

Ensure the concrete / cementitious surface is clean and free from any dust, oil or any material which would hinder in its adhesion. The product can be further diluted in water depending on the condition of the concrete and its absorption. Ensure that the material is covered thoroughly. Prior to the application of Self Levelling screed material, ensure that the material is tacky to touch. If the material is dry to touch apply another coat over the material and application of the levelling screed is to be done one the material is tacky to touch prior to being dry.

## 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 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.

## PRODUCT PRESERVATION

**Ressi SLS Primer 1** 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.

## PACKAGING

Ressi SLS Primer 1 is available in the following packaging:  
1 KG, 5 KG, 15 KG, 30 KG, 200 KG and 1000 KG Containers.



PRINTED



PRINTED



PRINTED



PRINTED



PRINTED

## NOTE:

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

## HEALTH & SAFETY

**Ressi SLS Primer 1** 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.