

Technical Data Sheet



Ressi SLS 610

Ready to use Premix Self leveling floor screed
for residential and commercial use

Ressi SLS 610 is ready to use premixed self leveling floor screed which is suitable for both old and new, internal and external floorings where light to mild traffic is expected. The application thickness of **Ressi SLS 610** is between 6mm to 25mm. **Ressi SLS 610** is ideal for use to level substrates prior to laying carpets, floor tiles etc. **Ressi SLS 610** is also an ideal substrate for the waterproofing of roofs where further coatings can be applied on the surface.

Advantages

- Good weather resistance
- High durability.
- Easy to use by simply adding water.
- Premixed material to ensure good consistent quality and mix.
- Promotes cleaner and safer sites.

Surface preparation

The quality of the existing floor is the deciding factor of the strength of **Ressi SLS 610**. The floor should be solid, free of dust, grease and loose material. If the surface is covered with a cement film or has weak parts, these will be needed to be removed by shot blasting, diamond grinding or similar. Loose material is best removed with a vacuum cleaner, where grease etc on concrete, painted surfaces, old tiles and similar is to be cleaned with a suitable cleaning agent.

Priming

Priming is to be done when the initial preparation is complete and the floor is so dry that the primer will be absorbed. The primer is applied concentrated or mixed with water depending on the existing floor - as per instructions on packaging, and worked well into the existing floor with a brush/broom, so that full and even priming is achieved. The primer ensures the correct adhesion and even curing throughout the compound. The recommended primer for the application of **Ressi SLS 610** is **Silprime WB**. The Primer should be worked in well with the existing floor with a broom / Brush. Remember to apply the primer evenly over the whole surface so that there are no puddles of primer. When primer has dried, **Ressi SLS 610** can be applied.



RESSICHEM (Pvt.) LIMITED

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www.ressichem.com

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Product preparation

For Manual application, Mix **Ressi SLS 610** in a clean bucket with the correct amount of water. The material is mixed for 1-2 minutes until it is of smooth and even consistency. The mortar powder should be added over the water to avoid the settlement of the material at the bottom of the mixing container. The mixing container should be uncontaminated, non corrosive and clean.

Application

Only potable water should be used for mixing. It is also recommended that material should be mechanically mixed with a mortar mixer or other mechanical mixing methods to obtain a consistent lump free mix. **Ressi SLS 610** is applied on the floor across the width of the area. Use a notched trowel for an even distribution of the material into the corners. If a thin layer is to be obtained, a notched trowel can also be used for that. For the application of large surfaces, it is highly recommended to use a mixer/pump for the application of **Ressi SLS 610**. If a colored finished floor is required in one go, Ressi ColorOmight color hardener can be sprinkled over the surface using a dry shake sprinkle method and then finished with suitable finishing tools.

Surface Treatment

When **Ressi SLS 610** is applied and the instructed drying times followed - the laid flooring can be covered with a variety of flooring products e.g. carpet, vinyl, ceramic tiles, flooring epoxy, various waterproofing coatings etc.

Curing

No curing required in general, however maximum curing for 72 hours where hot climatic conditions prevail.

Shelf life

Expiration of **Ressi SLS 610** is at 6 months after production date under dry and sheltered conditions



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Appearance	Grey Powder
Composition	Contains Cement and selected aggregates along with additives to improve consistency, workability and durability
Maximum aggregates size	3.36 mm
* Water Application	20% \pm 5%
* Wet mix life	Tested as per BS EN 1015-9 Approximately < 01 hour @20°C
* Compressive Strength	Tested as per BS EN 1015-11 28 Days 10 N/mm ²
* Flexural Strength	Tested as per BS EN 1015-12 28 Days 2.5 N/mm ²
* Approximate Yield/Coverage	0.55 m ³ /T

* Typical results under laboratory conditions

Packaging

Resi SLS 610 is available in 50 KG bags.

Health & Safety

Resi SLS 610 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.

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adding life and value to your property | مضبوطی اور پائیداری کے لئے

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