

Ressi PFS 620 is a premix pourable low slump floor screed which is highly suitable for commercial & residential use. Ressi PFS 620 is suitable for both old and new, internal, and external floorings. The application thickness of Ressi PFS 620 is between 25mm to 75mm. Ressi PFS 620 is an ideal material to be used as a floor screed for exposed roof tops, a bed prior to carpeting and laying tiles etc.

ADVANTAGES

- ✓ Exceptionally durable
- ✓ Easy to use by simply adding water.
- ✓ Premixed material to ensure good consistent quality and mix.
- ✓ Versatile material a variety of materials can be applied over it.

SURFACE PREPARATION

The quality of the existing floor is a major factor in deciding the strength of Ressi PFS 620. The floor or the bed on which the material is to be laid must be solid, free of dust, grease and loose materials. If the surface is covered with cement film or has weak parts, these should be removed completely and cleaned prior to the application of Ressi PFS 620. Any loose particles or foreign matters on the application surface may result in debonding of the screed or hollow sounds.

PRODUCT PREPARATION

For manual application, Mix Ressi PFS 620 in a clean bucket with the correct amount of water. The material mixed for 1-2 minutes until it is of smooth & 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. Only potable water should be used for mixing. It is also recommended that the material should be mechanically mixed with a mortar mixer or pumped using a floor screed mixing and pouring machine.

APPLICATION

Ressi PFS 620 is applied across the width of the floor or the panel it is being poured over. A notched trowel can be used for an even distribution of the material into the corners. For application over large areas, it is recommended to use a mixer / pump for the application of Ressi PFS 620. If a color finished floor is required in one go, Ressi Hardener (Color Hardener) can be sprinkled over the surface using a dry shake sprinkle method and finished with suitable finishing tools. It is also recommended to give suitable expansion joints to break the screed to avoid cracks forming over the floor. It is recommended that the panel sizing should not exceed over 100 Square feet especially for large span areas.

SURFACE TREATMENT

When Ressi PFS 620 is applied and the instructed drying times followed (28 Days) - the laid flooring can be covered with a variety of flooring products e.g., Carpet, Vinyl, ceramic tiles, flooring epoxy, various waterproofing coatings etc. Ressi PFS When applied in a proper slope can also be left bare over exposed areas such as roof tops, balconies, and other outdoor areas. Ressi PFS 620 is also an ideal floor screed to be used in a variety of waterproofing solutions given by Ressichem.

TECHNICAL DATA

Appearance	Grey Powder
Composition	Contains Cement and selected aggregates along with additives to improve consistency, workability, and durability.
Maximum aggregate size	3.36mm
* Water application	25% \pm 10%
* Wet mix life	2 Hours @ 20°C (Tested as per BS EN 1015-9)
* Compressive Strength	30 N / mm ² @ 28 Days
* Flexural strength	7.5 N / mm ² @ 28 Days
* Approximate Yield/ Coverage	0.65 m ³ /T

* Typical Results under laboratory conditions

CURING

Curing of 72 hours required

SHELF LIFE

Expiration of Ressi PFS 620 is at 12 months after production date under dry & sheltered conditions.

PACKAGING

Ressi PFS 620 is available in 50 KG bags.

HEALTH & SAFETY

Ressi PFS 620 is regarded as non-hazardous for transportation. Do not reuse bags or containers & dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application. Please refer to the products MSDS for further health and safety information.