

# FLOORCRETE

## Self-Leveling Resurfacing Mortar (High Strength)

**FLOORCRETE** is polymer modified cementitious material designed for all types of resurfacing, patching and repairing of concrete surface. Part A is a blend of special cement, specially graded fillers and chemical additives. Part B is a polymer which imparts a plasticity to the mortar mix. This is a high strength repair mortar suitable for thickness of above 5mm up to 50mm. Old worn out or loose concrete resurfaced with a layer of **FLOORCRETE** exhibits exceptional durability and good abrasion resistance.

### ADVANTAGES

- Excellent abrasion and impact resistance
- High Flexural and tensile strength.
- Can be laid as a monolithic floor topping with uniform mechanical properties.
- Excellent bond strength to substrate.
- High early strength and minimum closure time.

### PROPERTIES

Property	Result
Compressive Strength	N/mm <sup>2</sup>
7 Days	45
28 Days	65
Flexural Strength	
28 Days	8
Tensile Strength	
28 Days	6

### APPLICATIONS

- Resurfacing of worn out concrete floors
- Patching and repairing of damaged concrete surfaces
- Topping of new concrete floors and roads to increase the skid and wear resistance
- Suitable for interior and exterior applications, e.g warehouses, car parks and driveways, bus bays, concrete roads, docks, etc.

### DIRECTIONS FOR USE

- Clean and remove all the loose materials, dust, oil and other foreign materials.
- Defective and unsound substrate has to be repaired.
- Saturate the surface with water
- Apply the bonding coat with **FLOORPRIME** mixed with neat cement.
- Mix **FLOORCRETE** Part B with 3- 3.75

liters of water and add onto 25 kg of **FLOORCRETE** Part A. Change the water content depending on the consistence required. Mix with a mechanical mixer for over 5 minutes until a homogeneous lump free mix is obtained.

- Lay **FLOORCRETE** wet-on-wet before the priming layer or the subsequent layers are dry.
- Layer thickness can be from 5mm to 20mm. For higher thickness build up in multi layers. For multi layer applications, leave the previous layer for curing for about 24 hours before the subsequent layer is laid over it.
- For anti skid surfaces, brooming to desired texture may be done on the surface.
- Wet layers should be shaded and avoid from direct sunlight and heavy winds.
- Once the surface is dry enough without damaging, start spraying water for curing.
- Curing agent may be applied after curing with water for the first 3 days.
- **FLOORCRETE** must be laid preferably in the evenings for exposed areas.

### PRECAUTION

- Avoid eye and unnecessary skin contact as the product is alkaline.
- Gloves, goggles and dust masks should be worn.
- In case of eye contact flush with plenty of clean water. Seek medical help immediately.

### PACKAGING AND STORAGE

**FLOORCRETE** is available in 25kg PART A and 175ml bottle of PART B

Store in a cool and dry place with sheltered protection from rain and sun light. Avoid freezing. If stored as stated above in its original packaging, **FLOORCRETE** has a shelf life of six (6) months.

### TECHNICAL SERVICE

The company provides good servicing from a team of dedicated specialists in the field. When used in accordance with its current published directions, the product will perform as described in its catalogue. Millennium Concrete Technologies will not be responsible for difficulties caused by other materials, conditions or inferior workmanship and quality control.

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