



IC PRECISCREED

BUILDS UPON CONCRETE

specially formulated non-shrink, fast-setting, high strength screed for providing shrinkage-free mortar bed & or underlayment levelling screed that can be easily poured or pumped.

- Excellent abrasion resistance
- Suitable for Industrial and residential floors
- High pot life

DESCRIPTION

IC PRECISCREED is a special fast curing, cement based, pump-able self-levelling compound. It is delivered as an already prepared dry mixture which is mixed with water on the construction site. The final surface assures a high mechanical strength and abrasion-resistance.

APPLICATION SURFACES

ICPRECISCREED can be used on fresh and old concrete. It develops high mechanical strength and abrasion-resistance very quickly. IC PRECISCREED can be used as underlayment or as final finish for creating high strength floors. For flooring with Tiles, Natural stone.

INSTRUCTIONS FOR USE



- 1 Substrate concrete must be clean, sound, and free of rising dampness, efflorescence and cracks.
- 2 The concrete substrate must have sufficient compressive strength (min. 20 N/mm²) with a minimum pull off strength of 1.5 N/mm². Fresh concrete should be at least 28 days old before pouring IC PRECISCREED.
- 3 Mix the product taking 14.5 to 16.5 % water-powder ratio. Adjust water dosage to avoid bleeding and segregation, if coarse ballast is added to IC PRECISCREED.
- 4 Surface and ambient temperatures must be between 10°C to 32°C while mixing and pouring.
- 5 IC PRECISCREED can be pumped or poured manually on prepared substrate. Material can be used in building thickness between 5 to 25 mm.
- 6 No water curing is required for first 12 hours of pouring of IC PRECISCREED. Keep the surface wet for minimum three days to ensure development of strength.

APPLICATIONS

Typical areas of application include garages, parking lot, supermarkets, factories, workshops and shop floor renovations.

WARNINGS AND RECOMMENDATIONS

- IC PRECISCREED should be applied when the ambient temperature is between 8 to 30°C and rH is > 50% to avoid fast drying.
- Mix IC PRECISCREED thoroughly and wait for 5 minutes and mix again before using.
- Do not add extra water to adjust consistency of IC PRECISCREED mix.
- It is important to keep a check on the aspect ratio of the floor panels. Recommended aspect ratio is 1:1.5. Floor panel should be kept under 9m² by providing dividing strips. The dividing strips can be removed while pouring adjacent floor panels to obtain seamless floor.
- Do not disturb the finished top layer after the material has started to harden to avoid development of cracks.
- Open areas should be protected from rain, wind and other aggressive climatic conditions for first 24 hours of flooring.
- IC PRECISCREED is non-toxic, however, as with any cementitious material, avoid dust inhalation and prolonged contact with skin.
- Use within 6 months from the date of manufacturing when kept in unopened bags and prescribed storage conditions.

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AVAILABLE PACK SIZE

IC PRECISCREED is available in 25 kg sacks.



TECHNICAL FEATURES

Bulk Density	1.25-1.35 kg/l
Fresh Wet Density	2.3-2.4 kg/l
Water Demand	14-17 %
Pot Life	35-45 minutes
Compressive Strenght (N/mm ²) 28 Days	≥ 70
Flexural Strength (N/mm ²) 28 Days	≥ 10
IC Preciscreed : Aggregate	1:4 1:6
Fresh Wet Density (kg /l)	2.35-2.450 2.2-2.3
Water Demand %	8-10 7-10
Potlife (minute)	30-45 30-45
Compressive Strenght (N/mm2) 28 Days	30-45 30-45

NOTE

The recommendations for use are based on our own knowledge and experience. The technical data provided have been obtained under normal laboratory conditions, and may therefore vary according to the environmental conditions in the place where the product is used. As the application conditions are beyond our control, the information provided here does not imply that the company accepts responsibility for any variations.

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