

# InsuFinish Putty 610

A single component cementitious blowhole filler and levelling mortar for cosmetic repairs.

## DESCRIPTION OF PRODUCT

InsuFinish Putty 610 is a combination of Portland cement, well graded sands and special additives. When mixed with water InsuFinish Putty 610 produces a smooth cementitious paste ideally suited to filling of small surface defects and blowholes thin layers.

## PRIMARY USES

- As a fairing or skim coat to cover and make good blemishes in concrete surfaces, such as slight honey combing, blowholes, defects caused by "sand runs", patch repairs, shutter movement and grout loss.
- Preparatory treatment to concrete to receive a thin film protective coating.
- To produce a uniform surface over repaired areas prior to protective coatings.

## ADVANTAGES

- Precision made, consistent results .
- Requires only the addition of mixing water.
- Subsequent paint coats can be applied with greater economy.

## PACKAGING

InsuFinish Putty 610 is supplied in 20kg bags.

## COLOURS

InsuFinish Putty 610 is available in white color.

Plastic density:	1650 kg/m <sup>3</sup>
Compressive strength at 28 days:	1 N/mm <sup>2</sup>
Bond Strength at 28 Days:	>1.0 N/mm <sup>2</sup>

## APPLICATION

Following mixing the InsuFinish Putty 610 can be applied by brush or the edge of a steel float and scraped into substrate to fill all blowholes and minor surface defects. A fine mist spray of clean water should be applied to the finished surface.

The hardened InsuFinish Putty 610 can then be smoothed using sandpaper. Alternatively, InsuFinish Putty 610 can be applied as a leveling mortar by steel float. The final finishing shall be by steel float or with a damp sponge depending upon the finish required. InsuFinish Putty 610 can be overcoated 24 hours after application.

## CURING

Generally curing is not necessary for cosmetic repair mortars however particular care is required in hot and/or windy conditions. Where a curing membrane is specified this can be using a curing membrane from the InsuKure E.

## PREPARATION

It is essential that the surfaces to be bonded are sound, clean and uncontaminated. All loose powdering material must be removed. Concrete surfaces should be thoroughly soaked prior to application of InsuFinish Putty 610, to ensure a saturated, but surface dry condition.

## VOID FILLING

Deeper voids should be filled prior to the application of a cosmetic coating, by reducing the amount of water added when mixing to produce trowel able putty like mortar.

## MIXING

It is recommended that only full bags of 20kg are mixed.

InsuFinish Putty 610 should be mixed by mechanical means with a slow speed drill and spiral paddle.

The required amount of gauging water should be placed in the mixing bucket and the InsuFinish Putty 610 powder added and mixed for approximately 3 minutes until a smooth, creamy and lump free consistency is achieved.

The water additions shall be a maximum of 7.5 liters per 20kg bag

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## COVERAGE

One 20 kg bag of InsuFinish Putty 610 will typically yield 15.75 Ltr of mortar and will cover approximately 16 m<sup>2</sup> at 1mm thickness.

## EQUIPMENT CARE

Tools should be washed with water, immediately after use.

## SPECIFICATION CLAUSE SURFACE FINISHING

All slight surface imperfections should be made good by the application of InsuFinish Putty 610, as manufactured by Insumat Egypt.

Applications should be strictly in accordance with the manufacturer's instructions.

## STORAGE

Store out of direct sunlight, clear of the ground, on pallets protected from rainfall. Avoid excessive compaction.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice, consult Insumat Services Department.

## SAFETY PRECAUTIONS

As with all chemical products, care should be taken, during use and storage, to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use. Use in well-ventilated areas and avoid inhalation. For further information, refer to the material safety data sheet.

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information, contact Insumat's representative.

Insumat reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY STATEMENT

All products manufactured by Insumat Egypt, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems described in the ISO 9001:2015, standard.

\* Properties listed are based on laboratory controlled tests.

Actual measured data may vary due to circumstances beyond Insumat's control.

Manufacturing Insulating Materials and Products Company

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