

MasterFinish Putty[®] 100

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

DESCRIPTION OF PRODUCT

MasterFinish Putty 100 is a combination of Portland cement, well graded sands and special additives. When mixed with water **MasterFinish Putty 100** 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 honeycombing, 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

MasterFinish Putty 100 is supplied in 20kg bags.

COLOURS

MasterFinish Putty 100 is available in white color.

TYPICAL PROPERTIES

| | |
|----------------------------------|------------------------|
| Plastic density: | 1650 kg/m ³ |
| Compressive strength at 28 days: | 16 N/mm ² |
| Bond Strength at 28 Days: | >1.0 N/mm ² |

APPLICATION

Following mixing the **MasterFinish Putty 100** 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 **MasterFinish Putty 100** can then be smoothed using sandpaper.

Alternatively, **MasterFinish Putty 100** 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. **MasterFinish Putty 100** 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 MasterKure range.

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 **MasterFinish Putty 100**, 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.

MasterFinish Putty[®] 100

MasterFinish Putty 100 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 **MasterFinish Putty 100** 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 **6 liters per 20kg bag**

COVERAGE

One **20 kg** bag of **MasterFinish Putty 100** will typically yield **15.75 Ltr** of mortar and will cover **approximately 16 m²** 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 **MasterFinish Putty 100**, as manufactured by Master Builders Solutions 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 Master Builders Solutions's Technical 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 your local Master Builders Solutions representative.

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

QUALITY STATEMENT

All products manufactured by Master Builders Solutions Egypt, or imported from Master Builders Solutions affiliate companies worldwide, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems described in the ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 standards.

* Properties listed are based on laboratory controlled tests.

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