



MICSHIELD™



**MICSHIELD
PUTTY G10**

A single component, polymer modified, repair compound for filling fine cracks and surface defects in light weight concrete and plaster fairing coat and used as finish works on plaster or concrete surface. It has excellent adhesion.

- For interior and exterior application.
- Excellent bond to concrete substrate.
- Good workability on vertical and overhead applications.



PRODUCT ADVANTAGES

- Precision made, consistent results.
- Requires only the addition of mixing water.
- Use for both interior and exterior.
- Excellent adhesion to concrete.
- Shrinkage compensating.
- Low permeability.
- Give very smooth surface finishing.
- Excellent workability and easy to sand.
- The surface can be painted 72 hours after the application.

TECHNICAL DATA

Appearance	Powder
Colors	GREY
Mix Density	1.60 kg/Ltr
Maximum aggregate size	100 microns
Application Thickness	1-2 mm
Water Mixture Rate	6.00 ltr water For 20 kg powder
Application temperature	from +5 to +35°C
Waiting Time Between Coats	Minimum 3 Hours
Compressive Strength	10 N/mm ² (28 Days)
Adhesion to concrete @ 28 days)	0.50 MPa
Shelf life	12 months from production date in its original packaging (unopened container) between 5° and 30° C in a cool dry place.
Technical information correspond to the data, which were obtained at 20 °C(±2 °C) temperature and 50+5% relative humidity.	

AREAS OF USE

- All structures of indoor & outdoor spaces.
- Areas where smooth and flawless surface is required.
- Exposed concrete and cement-based plasters.
- Walls and ceilings, concrete columns
- Aesthetic repair works on concrete structures.

COVERAGE

Approximately 1.60 kg/m² per 1 mm thickness.

INSTRUCTION FOR USE

SURFACE PREPARATION

The support must be perfectly cleaned, free from dust, inconsistent parts, traces of form stripping oils, efflorescence, rust etc. Saturate the surface with water to eliminate possible water absorption at the moment of application.

MIXING

To prepare the mortar, pour 6.00-6.50 liters of water into a clean container and add slowly the content of **MICSHIELD PUTTY G10** (20 kg).

Mix using spiral paddle in slow speed heavy duty drill for few minutes till a homogeneous lump free consistency mix is achieved. Always add powder to water and not the other way around.



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APPLICATION

Placing and Finishing **MICSHEILD PUTTY G10** can be applied by steel trowel. The mixed mortar can be applied to the prepared substrates to 2mm thicknesses. The applied mortar should be allowed to stiffen before troweling to a smoother finish.

PACKING



20 Kg bags stored under dry conditions

This product is environmentally friendly

CLEANING

MICSHEILD PUTTY G10 should be removed from tools and equipment and mixers with clean water immediately after use. Cured material should be removed mechanically.

SAFETY INSTRUCTIONS

For further information refer to the Safety Data Sheet of the product

STORAGE

12 months in original intact packaging and stored in a dry place.

Manaseer Industrial Complex
is a member of US green building



Tel: + 962 6 5800600 Fax: + 962 6 5833890 P.O.Box 141414 Amman 11814, Jordan Website: www.manaseer-ic.com Email: info@manaseer-ic.com

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