

# SKIM COAT SERIES

# 138 AMERICAN PLASTER

## PUTTY

- Durable
- Water resistance
- Moisture-proof
- Alkaline resistance
- Extra smooth
- Environmental, toxic free, odorless
- Easy to paint
- Excellent resistance to crack
- Mould resistance
- Excellent polish finish

*US MIRACLE 138 American Plaster is a high performance water resistant and premixed cement based skim coat for interior conditions. It is suitable for machine spraying or hand application. Product can be used at interior application on cement sand plaster, precast wall panel, block wall, ceiling, or concrete surfaces. US MIRACLE 138 American Plaster sets quickly and can be painted with any interior emulsion paints.*



WHITE ○

### USAGE

- Applied on interior walls and ceilings.
- Applied on US MIRACLE Base Plaster series products or cement sand render.
- Applied on precast wall panel or smooth concrete surface.

### COMPLIED STANDARDS

- European Norm: EN 1015:2000
- British Standard: BS 4551:1998, BS 5980:1980
- American Standard: USEPA Method 24
- French Standard: French VOC label A+ class

### SURFACE PREPARATION

- The surface must be stable and cleaned from any kind of remnants, loose particles, dust, grease, etc.
- Substrate is highly recommended to be moistened with potable water overnight or before application if the weather and/ or surface are under a very dry condition.

### MIXING

20kg / bag powder mix with approximately 6 - 6.5 Liters of clean water. Using an electric mixer to mix the product until a homogenous mixture is achieved. Stir the mixture thoroughly for 5 - 7 minutes to obtain a creamy paste without lumps.

### APPLICATION

- US MIRACLE 138 American Plaster by hand or spraying machine to required thickness in layer(s). US MIRACLE 138 American Plaster of 0.5 - 1 mm thick can be applied in one coat.
- If the air bubbles appear on the skim coat surface, this indicate there are some defects or pin holes at the underlying substrate. Smooth the surface with trowel to remove the air bubbles at the skim coat surface. When there are still bubbles on the skim coat surface, trowel the surface again. It is suggested to wait for 1 - 2 hours allowing all the bubbles formed and released.
- When first coat is completely dry and hard then apply a second coat.
- It is recommended to polish the surface with sand paper after 24 hours. For better quality of paintwork, the surface must be completely dry and it is recommended to wait for at least 1 day to reduce the alkalinity before painting.



### CURING

Product has excellent water retention properties, water curing is normally unnecessary. Self curing of the applied plaster is considered adequate. Water curing is only required under extremely hot or dry condition.

### TECHNICAL DATA

Initial Adhesion Strength at 28 Days	≥ 0.5 MPa
Flexural Strength at 28 Days	≥ 3.11 N/mm <sup>2</sup>
Compressive Strength at 28 Days	≥ 6.18 N/mm <sup>2</sup>
Shrinkage	Nil
Water Rententivity	100%
VOC Content	Less than 1g/Kg
Resistance to Mould Growth	No Mould Growth
Coverage	Approx. 1.0kg/m <sup>2</sup> /mm
Packaging	20 kg/Bag
Shelf Life	12 Months

The information detailed in this datasheet is liable to modifications from time to time in the light of experience & normal product development. To the best of our knowledge, the technical data contained herein are true. Because it is not possible to give specific instructions for various site conditions or control the applications. We reserve the right to modify the information detailed in this datasheet.

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