

SKIM COAT SERIES

138 AMERICAN PLASTER PUTTY

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

US MIRACLE 138 PUTTY 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 PUTTY sets quickly and can be painted with any interior emulsion paints.



WHITE ○

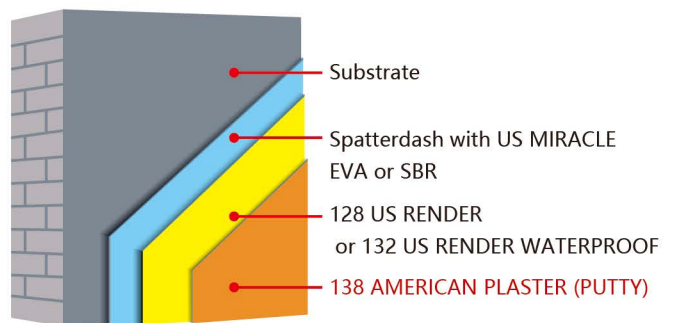
USAGE

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



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.

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APPLICATION

- **US MIRACLE 138 PUTTY** by hand or spraying machine to required thickness in layers). **US MIRACLE 138 PUTTY** of 0.5-1mm 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 the 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.

STORAGE

To maintain product quality, store **US MIRACLE 138 PUTTY** in a dry place on its original pallet with intact plastic wrapping, away from direct sunlight. Keep it elevated off the ground to avoid moisture and avoid overstacking. Improper storage may cause premature expiration or clumping. Shelf life is 12 months from the production date.

HEALTH AND SAFETY

This product is non-toxic and non-flammable. It contains cement, so avoid contact with eyes or prolonged skin exposure during use. Wash thoroughly after application. If it gets in your eyes, rinse immediately with plenty of water and seek medical attention. Keep out of reach of children.

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

TECHNICAL DATA

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

* The provided data reflects standard laboratory testing outcomes, which may differ slightly based on the specific environmental and substrate conditions at the application site.

The information provided here is, to the best of our knowledge, accurate and reliable, based on our current understanding. No guarantees or warranties are offered regarding any recommendations or suggestions, as the conditions of use and labor involved are outside our control.



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