

SKIM COAT SERIES 168 AMERICAN PLASTER FINISH



- High adhesion
- Mould resistance
- Moisture proof
- Ultra smooth
- Durable
- Excellent resistance to crack
- Water resistance
- Enviromental, toxic free, odorless
- Alkaline resistance
- Easy to sand

US MIRACLE 168 American Plaster is a high performance water resistant and premixed cement based skim coat for exterior conditions. It is suitable for machine spraying or hand application. Product can be used at interior and exterior application on cement sand plaster, precast wall panel, block wall, ceiling, or concrete surfaces. **US MIRACLE 168 American Plaster** sets quickly and can be painted with any exterior emulsion paints.

USAGE

- Applied on interior and exterior walls or ceilings.
- Smoothing layer on concrete or rendered surface.
- Applied on precast wall panel or smooth concrete surface.

COMPLIED STANDARDS

- European Norm : EN 1015 : 2000
- British Standard : BS 4551 : 1998, BS 6319 : 1983, BS 5980 : 1980

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

20 kg / bag powder mix with approximately 6.5 - 7 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 168 American Plaster by hand or spraying machine to required thickness in layer(s). US MIRACLE 168 American Plaster of 0.5 - 2 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 underlaying 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, it is recommended to wait for at least 3 days to reduce the alkalinity before painting.



WHITE ○
GRAY ●

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	>1.0 MPa
Adhesion Strength After Water Immersion at 28 Days	>0.7 MPa
Adhesion Strength After Heat Ageing at 28 Days	>0.7 MPa
Adhesion Strength After Freeze-thaw Cycle at 28 Days	>0.7 MPa
Compressive Strength at 28 Days	>6 MPa
Flexural Strength at 28 Days	>2 MPa
Shrinkage (Coutinho Ring)	Nil
Water Retentivity	>99%
Resistance to Mould Growth	No Mould Growth
Coverage	Approx. 1.0 kg/m ² /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.