

PLASTERING MORTAR SERIES

128 AMERICAN PLASTER

US RENDER

- Sprayable
- Interior and exterior wall rendering
- Reliable quality
- Improve surface finish
- Good bond strength
- Enviromental, toxic free, odorless
- Shrinkage compensated (Reduce the chance of shrinkage cracks)
- Lightweight packaging (Easy and convenient to carry)

US MIRACLE 128 US RENDER is a high quality cement based plaster designed for application on interior and exterior brick walls, block walls, and concrete surfaces. It can be applied by hand or sprayed with machine, offering a fast and efficient solution for leaveling large scale projects, whether for renovations or new constructions. The product firmly adheres to the substrate and, once hardened, forms a high strength and durable leveling layer. This provides a solid base for subsequent tile adhesion or coating applications.



GRAY ●



USAGE

- Smooths concrete, brick, or block walls for interior and exterior rendering or as a leveling layer on concrete or rendered surfaces.
- Spray-applied for quick leveling in large scale projects.
- Suitable for refurbishment and new construction projects.
- Mortar for masonry work with bricks, blocks, and stone.

COMPLIED STANDARDS

- European Norm : BS EN 1015 – 11
- Hong Kong Standard : HKHA/MTS (2000), Part D 2.1.15

SURFACE PREPARATION

Before application, ensure the surface is clean and free of dust, grease, or any contaminants. The wall must be completely clean. If the working environment is relatively dry, pre-wet the wall thoroughly with clean water and leave it overnight. Ensure the surface is dry with no visible water before proceeding. **US MIRACLE 128 US RENDER** is suitable for stable and properly prepared surfaces. Within 48 hours of formwork removal, clean the surface before applying a spatterdash coat. Allow the spatterdash to cure for at least 2 days preferably 7 days or more before proceeding with rendering.

MIXING

Add one bag of **US MIRACLE 128 US RENDER** dry powder to 5.0–5.5 liters of clean water and mix with an electric mixer for about 3 minutes until smooth and lump-free. For mechanical spraying, use equipment that mixes and pumps simultaneously, following the manufacturer's instructions. Adjust the water gauge on the sprayer to achieve the correct workability at the nozzle.

APPLICATION

Apply each layer at a thickness of approx: 10–25 mm. For thicknesses over 25 mm, work in multiple layers. Keep the previous layer rough for better adhesion. Proceed with the next layer only after the first layer has hardened enough to support additional weight.

CURING

US MIRACLE 128 US RENDER remains highly workable and easy to finish for approximately 15 to 30 minutes, depending on the application method and site conditions. Hot or dry conditions can shorten this working time. Before the mortar sets, use a straight-edge screed to level it and remove excess material. Sprayed surfaces will dry faster. For finishing, you can use a wooden float to create a textured surface or a steel trowel for a smooth finish. To achieve a smooth surface, wait until the material begins to firm up, then carefully level it off with one or two passes of a trowel wiped with a damp cloth. Additional curing is generally not necessary, but in hot or drying conditions, a traditional curing compound can be applied once the surface has set.

STORAGE

To maintain product quality, store **US MIRACLE 128 US RENDER** 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.

Thickness	10 - 25 mm in 1 coat 25 - 40 mm in 2 coats
Coverage	Approx. 1.5 kg/m ² /mm
Packaging	30 kg/Bag

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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