

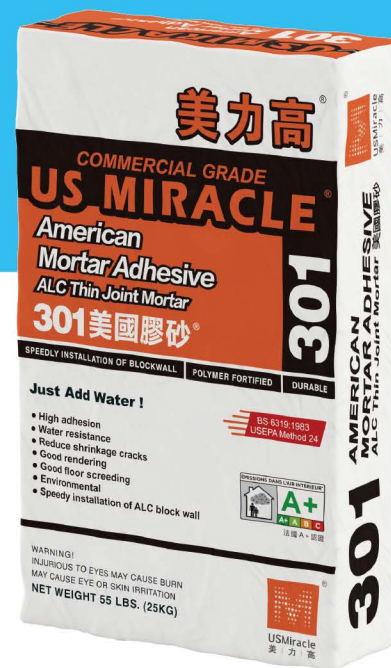
TILE ADHESIVE & COLOR GROUT SERIES

301 AMERICAN MORTAR ADHESIVE

ALC THIN JOINT MORTAR

- High adhesion
- Water resistance
- Highly workable
- Speedy installation of ALC block wall
- Good rendering
- Reduce shrinkage cracks
- Enviromental
- Good floor screeding

US MIRACLE 301 AMERICAN MORTAR ADHESIVE is a high strength cement based water resistant dry set mortar for the masonry of Aerated Lightweight Concrete (ALC) blocks and block wall surfaces rendering. It is designed for filling of vertical and horizontal joints for ALC wall system, 2-3mm thickness is sufficient for installation of ALC blocks.



GRAY ●

USAGE

- For thin jointing of ALC block and panel wall.
- For interior rendering.
- For exterior rendering.

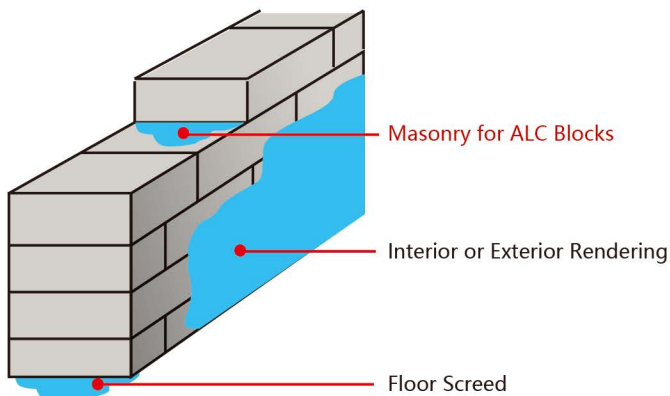


SURFACE PREPARATION

The substrate must be stable and cleaned from any kind of remnants, loose particles, dust, grease, etc and impurities should be removed from ALC block surfaces.

MIXING

25 kg / bag powder mix with approximately 5.5 - 6 kg of clean water. Using an electric mixer to mix the product until a homogenous mixture is achieved. Stir the mixture thoroughly for 3 - 5 minutes to obtain a creamy paste without lumps. The mixture is ready to use after stand for 5 minutes and mix again for 30 seconds before using.



APPLICATION

Masonry for ALC Blocks:

Use proper sized notch trowel to ensure 100% fully coverage under the blocks. Using flat side of trowel, apply **US MIRACLE 301 AMERICAN MORTAR ADHESIVE** to the joint surface and build up for required thickness approx 2-3mm.

Interior or Exterior Rendering:

Apply the mortar by hand to meet the required thickness. For clean, flat and smooth ALC block wall surfaces, **US MIRACLE 301 AMERICAN MORTAR ADHESIVE** can be applied directly on ALC block wall surface for plastering without spatterdash.

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CURING

Product has excellent water retention properties, water curing is normally unnecessary. Water curing is only required under extremely hot or dry condition.

STORAGE

To maintain product quality, store **US MIRACLE 301 AMERICAN MORTAR ADHESIVE** 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

- Hong Kong Standard: HKHA/MTS(00/02):Part D: C1.2.1.15
- British Standard: BS 6319 : 1983
- American Standard: USEPA Method 24
- French Standard: French VOC label A+ class

TECHNICAL DATA

Compressive Strength at 28 Days	23 MPa
Flexural Strength at 28 Days	5 MPa
Bond Strength to ALC at 28 Days	0.5 MPa
Pot Life	Approx. 1 hour
Coverage	Approx. 1.3kg/m ² /mm
Packaging	25 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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