



Product Data Sheet

ASMACO GRANITE & MARBLE ADHESIVE

Unsaturated Polyester Based Adhesive

DESCRIPTION:

ASMACO GRANITE & MARBLE ADHESIVE (AGMA) is a high-performance two-component adhesive system based on unsaturated polyester resin. Specifically formulated for fixing marble and natural stone, it excels in gluing, repairing, and filling porous surfaces of materials such as marble, travertine, natural stones, ceramic, brick, and similar substances. Notably, it offers quick drying, making it suitable for fast-paced projects. Its versatility shines through in both vertical and horizontal applications.



KEY PERFORMANCE PROPERTIES

- Rapid cure time (2-5 min. at 25°C).
- Very low shrinkage during hardening.
- Easy to apply.
- Excellent brightness after the use of grinding machines.
- Superior resistance to wear over time.
- High reactivity.
- Chemically inert and offers extended durability.
- Very good adhesion on natural stones at higher temperatures.
- Temp. resistance of cured adhesive from -10°C between +100°C.
- No color change or shrinkage during the hardening period.
- Bonded surfaces are ready to use after 2 hours.

AREAS OF APPLICATION

Specially designed adhesive is highly versatile and finds its optimal application in various scenarios. It is particularly well-suited for repairs and the creation of marble and granite artifacts.

Key areas of usage include:

Monuments & Souvenirs Making: AGMA is an ideal choice for crafting monuments and souvenirs due to its strong bonding properties.

Pillar Work: AGMA is suitable for use in the construction and repair of pillars, ensuring durable and reliable results.

Arches in Villas – Inside/Outside: AGMA is effective for affixing marble/granite/stone in arches, both in the interior and exterior of villas.

Marble upon Marble Fixing: Granite upon Granite fixing: Stone Upon Stone Fixing: AGMA is designed to securely fix one piece onto another piece, providing stability and cohesion.

Repair Work of Marble / Granite / Stone for Filling Pores, & Cracks: AGMA application extends to repairing all type of marble, granite, stone, by filling pores and cracks, restoring the material's integrity.

In Hotel Projects – Plywood to Marble Joints: AGMA serves well in hotel projects, especially in joining plywood to marble/granite/stone, ensuring a strong bond.

AGMA for Mounting Brackets Marble, Granite & Stones on façade: It is employed in conjunction with mounting bracket and bolts to vertically secure Marble, Granite & Stones on the Façade.

METHOD OF APPLICATION

Application Instructions:

ASMACO GRANITE & MARBLE ADHESIVE (AGMA):

Homogeneous Mixing: Stir the AGMA container separately to achieve homogeneity prior to mixing of putty & Hardener.

Putty and Hardener Mixing: Mix the putty with hardener in a ratio of **100 :1-3%** by weight. In low temperatures, add **1-2%** hardener to achieve the desired results.

Homogeneous Mix: Mix the putty and hardener to complete homogeneity on a clean metal or plastic plate.

Application: Apply the mixed putty uniformly to achieve the recommended setting time and desired results.

Polishing (Optional): AGMA can be polished to achieve a glossy finish if desired.

By following these application instructions, you ensure the proper preparation of the substrate and the correct mixing and application of ASMACO GRANITE & MARBLE ADHESIVE (AGMA), resulting in optimal adhesion and the desired finish.

Rev 01, ASMACO GRANITE & MARBLE ADHESIVE , GCC 1223



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PACKAGING & COVERAGE RATE

PACKAGING:

1 kg Set & 20 kg Set

CLEAN UP

Uncured **ASMACO GRANITE & MARBLE ADHESIVE (AGMA)** may be removed from tools and equipment with Spillage's can be cleaned with acetone or Tangit Cleaner.

STORAGE & SHELF LIFE

12 months from the manufacturing date if kept in the original packaging and stored in areas at a temperature of between +5°C between +30°C. in a dry place protected from freezing and excessive heat.

HEALTH & SAFETY

ASMACO GRANITE & MARBLE ADHESIVE (AGMA)

The product is inflammable. All works should be carried out in well-ventilated area away from ignition sources. Do not smoke. The adhesive should be stored in accordance with the rules of storage of inflammable substances. Detailed information is included in the Material Safety Data Sheet (MSDS).

TYPICAL PROPERTIES

Appearance:	Medium Viscos Paste
Density:	1.8 ±0.20 g/ml
Mixing Ratio:	97:3
Pot Life:	4-8 min
Gel Time:	2 - 5 min @ 25°C
Drying Time:	10-13 min @ 25°C
Hardness Shore D:	70
Compressive Strength:	≥20 N/mm ²
Color:	White, Beige, Terracotta, Light Pink, Cream.

Shipping Limitations: None

Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non - Warranty : Because the storage, handling and application of the material is beyond Anchor Allied Factory Ltd's control, we can accept no liability for the result obtained. Anchor Allied Factory Ltd's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory Ltd will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.

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MFG. OF SILICONE , ACRYLIC & POLYURETHANE SEALANTS, WATER PROOFING COATINGS,
SELF - ADHESIVE TAPES, SPRAY PAINTS, CONTACT ADHESIVE, PVC CEMENTS, EPOXY STEEL

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