



Polyester MARMOBOND

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

MARMOBOND is a specially formulated, high viscosity, knife grade, two component, polyester marble adhesive-putty used to vertically and horizontally bond, grout, repair, rebuild and fill. It does not shrink, cures fast (5-8 min) and shows extremely strong bonding.

ADVANTAGES

- Excellent bonding strength to most building substrates
- Fast application
- Reasonable open time
- Excellent resistance to ageing
- Excellent temperature resistance
- Interior and exterior use

APPLICATIONS

Suitable for bonding, grouting and filling cavities of white and coloured marble, granite, ceramics, natural and artificial stones on horizontal and vertical building substrates.

INSTRUCTIONS FOR USE

Preparation

1. Surfaces must be dry and free from grease and dust.
2. Remove the required amount of adhesive from the can and mix with 2% catalyst on a clean surface for about 45 seconds, until a uniform mixture is formed. Do not mix adhesive in the can.
3. Mix the required amount each time since the mixture will harden within 10 minutes.

Bonding

1. Apply **MARMOBOND** on one surface only and assemble carefully, applying light pressure.
2. Keep the joint supported until fully set (approx. 1 hour).
3. Carefully remove any excess adhesive with a sharp knife before completely set.

Filling - repair

1. Apply **MARMOBOND** with a putty knife pushing material gently to fill the gap.
2. Finish surface with putty knife or spatula and remove any excess adhesive before completely cured.

It is advisable to perform a suitability test for each application.

REMARKS

- Do not apply **MARMOBOND** in very humid conditions or on hot or cold surfaces.
- Do not exceed the mixing ratio of 2% especially at high temperatures since this will accelerate curing.
- Place the caps correctly after use and close tight.
- **MARMOBOND** may be coloured using iron oxides. Make sure to mix iron oxides with adhesive – putty prior to the addition of the catalyst.

CLEANING

Clean all equipment and stains with nitro solvent immediately after use. Cured adhesive can only be removed by mechanical means.

CONSUMPTION

1 - 2/m²/kg

TECHNICAL CHARACTERISTICS

Base: Polyester

Consistency: Thixotropic paste

Colour: White, beige

Smell: Characteristic of polyester

Specific gravity: 1800-2200 kg/m³ 25°C

Viscosity: 250000-300000 mpa.s 25 °C

Open time: approx. 5-6 min (18°C – 25°C)

Curing: approx. 15-20 min (18°C – 25°C)

Application temperature: +10°C - +30°C

STORAGE

In a cool and dry place at temperatures between +5°C - +25°C away from sources of ignition.

Avoid direct sunlight.

SHELF LIFE

At least 1 year in unopened packaging in the above mentioned storage conditions

PACKAGING

White: tins 200gr, 500gr, 1kg

Beige: tins 500gr

PACKAGING	CODE	BARCODE
White		
200gr	07145	5204094071457
500gr	07146	5204094071464
1kg	07147	5204094071471
Beige		
500gr	07148	5204094071488

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HEALTH AND SAFETY INFORMATION



Acute Tox. 4: H332 - Harmful if inhaled **Eye Irrit. 2: H319** - Causes serious eye irritation **Flam. Liq. 3: H226** - Flammable liquid and vapour **Skin Irrit. 2: H315** - Causes skin irritation **STOT RE 1: H372** - Causes damage to organs after prolonged or repeated exposure through inhalation **P101**: If medical advice is needed, have product container or label at hand **P102**: Keep out of reach of children **P103**: Read label before use **P280**: Wear protective gloves/protective clothing/eye protection/face protection **P303+P361+P353**: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower **P304+P340**: IF INHALED: Remove person to fresh air and keep comfortable for breathing **P305+P351+P338**: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing **P501**: Dispose of the contents/containers in accordance with the current legislation on waste treatment. Substances that contribute to the classification: Styrene Monomer (CAS: 100-42-5); 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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