

GEMSBOND WELDX10 A+B



TECHNICAL DATA SHEET

DESCRIPTION

Two-component, thixotropic epoxy mastic paste with extremely high bonding performance, resistant even in the most extreme conditions and on humid surfaces. The cured product is resistant from -25°C to +60°C. **Ratio 1:1.**

Used for bonding marble, stone, granite, ceramic, and agglomerates. Recommended for both interior and exterior use.

The product is also ideal for mixed bonding such as: metal-stone, ceramic-stone, stone-glass, concrete-stone, concrete-glass, concrete-metal, stone-composite panels such as honeycomb, stone-wood panels, or wood laminates. It is recommended to always sand the surface to increase grip and achieve optimal adhesion.

APPLICATION

The surfaces must be clean, dry, free from dust and contaminating agents. Take the product with a dedicated spatula and dose it by respecting the indicated weight or volume ratio.

For small quantities, mix on a palette with the spatula until complete homogenization. For large quantities, mix with a low-speed mixer to avoid overheating the mixture. Apply the product with a spatula.

- Manual mixing. Mechanical mixing with automatic mixing/dispensing machines equipped with pressure plate..
- Spatula application.
- Application with dispensing nozzle.

SAFE INFORMATION

Refer to the safety data sheet and comply with regulations relating to industrial health and waste disposal.

STORAGE

Epoxy resins and their hardeners can be stored for two years in the original sealed containers stored in a cool, dry place. The hardeners are moisture sensitive therefore it is good practice to close the vessel immediately after each use.

| PART A | mixing ratio by | PART B |
|--------|-----------------|-----------|
| 100 | WEIGHT | 100 |
| 100 | VOLUME | 100 - 110 |

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SYSTEM DESCRIPTION AND SPECIFICATIONS

| System specifications | Resin | Hardner |
|--------------------------|-------------|-------------|
| Color | Whi | Beige |
| Viscosity at 25°C (mPas) | Tixo | Tixo |
| Density at 25°C (g/mL) | 1,78 – 1,83 | 1,64 – 1,68 |

PROCESSING DATA

| | |
|-------------------------------------|-----------------------|
| MIXING RATIO BY WEIGHT (g) | 100:100 |
| MIXING RATIO BY VOLUME (ml) | 100:110 |
| POT LIFE (50 mm; 200 ml, 25°C) | 25 – 35 min |
| INITIAL MIXTURE VISCOSITY (25°C) | Tixo |
| GELATION TIME (1 mm, 25°C) | 60 – 100 min |
| FIRST HARDENING TIME (1 mm, A 25°C) | 2,5 – 3 h |
| COMPLETE HARDENING TIME | 15 h 40°C / 7 days RT |

IMPORTANT NOTICE

The above information is based on the latest development and application technology. Due to a variety of factors that may influence the final result, this information, as well as other oral or written technical advice, should be considered non-binding. The user is obligated in each individual case to conduct preliminary tests on a small area or using a sample.