



MyBOND – Technical Data Sheet

Liquid Polymer Binding Agent for MyBASE System

Product Description:

MyBOND is a high-performance liquid polymer dispersion specifically formulated as Component B of the **MyBASE** system. When mixed with **MyBASE Powder** (Component A), it creates a high-adhesion, durable foundation for microcement finishes.

Key Features

- **High Adhesion:** Provides superior bond strength to substrates like concrete, OSB, and ceramic tiles.
- **Durability:** Contributes to the system's high abrasion and water resistance.
- **Versatility:** Ideal for reinforcing substrates when used with fiberglass mesh to prevent crack transmission.
- **Consistency:** Designed for a smooth, easy-to-apply mass when correctly proportioned.

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Technical Specifications

- **Mixing Ratio (by weight):** 1 part MyBOND to 2.5 – 3.5 parts Powder
(Simplified ratio for small kits is approximately 1 part MyBOND to 3 parts Powder)
- **Application Temperature:** 59°F to 77°F (15°C to 25°C)
- **System Thickness:** Approximately 1/16" – 5/64" (1.5 – 2 mm when mixed as MyBASE)
- **Setting Time:** High temperatures significantly shorten working time; temperatures below 59°F (15°C) may prevent the material from properly setting/binding.

Instructions for Use

- **Substrate Preparation:** Ensure the surface is clean, dry (moisture content $\leq 3\%$), and primed with **MyPRIMER**.
- **Pre-Mixing Liquid:** Before combining with powder, mix **MyBOND** alone for 3 minutes using a low-speed drill with a mixing paddle.
- **Coloring:** To achieve custom colors, add color pigments directly to the **MyBOND** and mix for an additional 3 minutes before adding powder.
- **Mixing with Powder:** Gradually add **MyBASE Powder** to the liquid while stirring continuously for 3 minutes until a homogeneous, lump-free mass is achieved.
- **Precision Requirement:** All components **MUST** be measured using a precise electronic scale to ensure correct chemical binding.
- **Application:** Apply in layers no thicker than 1/32" (~1 mm / 40 mils) using a metal trowel.

Packaging & Storage

- **Available Formats:**
 - **6.6 lb (3 kg) container** (part of a 26.5 lb / 12 kg set)
 - **11 lb (5 kg) container** (part of a 44 lb / 20 kg set)
- **Shelf Life:** 12 months in original, unopened packaging.
- **Storage Conditions:** Store in a cool, dry, shaded area between 50°F and 77°F (10°C to 25°C).

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- **Crucial: PROTECT FROM FROST.** Freezing causes irreversible chemical damage to the polymer dispersion.

Safety Measures

- **PPE:** Use protective gloves, clothing, and eye/face protection.
- **Exposure:** Avoid contact with skin, eyes, and mucous membranes. In case of contact, wash thoroughly with soap and water.
- **Respiratory Protection:** While the liquid itself is low-odor, a protective dust mask is mandatory during the sanding of the subsequent dried **MyBASE** layer to avoid inhaling mineral dust.
- **User Responsibility:** Final determination of the suitability of the material for a specific use is the sole responsibility of the user.
- **Warning:** Failure to use precise electronic scales or applying outside specified temperature ranges may result in material failure ("not curing/binding").

Technical Information: All measurements and technical values are approximate unless otherwise stated. Coverage, consumption, drying times, and other application characteristics may vary depending on substrate condition, application technique, temperature, humidity, and other site conditions. The information provided is based on typical conditions and is intended as a general guide.

Notice: The final determination of the suitability of the material for a specific use is the sole responsibility of the user.

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