

PRODUCT DATA SHEET



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Ueroblend-56

PRODUCT DISCRIPTION

Ueroblend-56 is a high-performance tile adhesive specifically formulated for the installation of ceramic tiles, porcelain, mosaics, and natural stones. It offers excellent adhesion, flexibility, and ease of application, making it ideal for both indoor and outdoor use.

Application Instructions

- **Surface Preparation:** Ensure the surface is clean, dry, and free from dust, grease, and loose particles.
- **Mixing:** Gradually add Ueroblend-56 to the recommended amount of clean water while mixing to a smooth, lump-free consistency.
- **Application:** Apply the mixed adhesive to the substrate using a notched trowel. For large format tiles, a back buttering method is recommended.
- **Tiling:** Place the tiles onto the adhesive, pressing firmly to ensure full contact with the adhesive. Adjust the tiles within the open time.
- **Curing:** Allow the adhesive to cure for at least 24 hours before grouting or exposing to heavy traffic.

FEATURES & BENIFITS

- High bonding strength
- Water and frost resistant
- Suitable for both wall and floor applications
- Easy to mix and apply
- Extended open time for adjustments
- Suitable for interior and exterior applications

Applications

- Installation of ceramic tiles, vitrified tiles, and porcelain tiles on floors and walls.
- Suitable for substrates such as concrete, cementitious screeds, and plasterboards.
- Can be used in wet areas like bathrooms, kitchens, and swimming pools.

Advantages

- **Extended Workability:** Ideal for long-distance transportation or in hot climates.
- **Reduced Water Content:** Helps achieve high-strength concrete with lower water-cement ratios.
- **Enhanced Durability:** Improves the long-term durability of concrete by reducing permeability and shrinkage.

Technical Specifications

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| Appearance | Grey powder |
| Mixing Ratio | Approximately 5.5-6.0 liters of water per 20 kg bag |
| Pot Life | 4 hours |
| Open Time | 20 minutes |
| Adjustability Time | 30 minutes |
| Slip Resistance | ≤ 0.5 mm |
| Grouting Time | 24 hours after application |
| Compressive Strength | ≥ 10 MPa after 28 days |
| Tensile Adhesion Strength | ≥ 1.0 MPa after 28 days |
| Shear Adhesion Strength | ≥ 1.0 MPa after 28 days |
| Coverage | Approximately 5-6 m ² per 20 kg bag (depending on substrate and application thickness) |
| Shelf Life | 06 months in unopened bags, stored in a dry place |

Guidelines for Use

- **Mixing:** Add the admixture to the concrete mix at the batching plant. It can be added directly to the mixing water or at the end of the mixing process.
- **Dosage:** The optimum dosage should be determined by site trials using the actual materials and conditions under which the concrete will be produced. Typical dosages range from 0.4% to 2.0% by weight of cement.
- **Compatibility:** This admixture is compatible with most other admixtures. However, it is recommended to conduct trial mixes to verify performance.

Storage

- Store in a cool, dry place, away from direct sunlight. Keep the bags tightly sealed when not in use.

Packaging:

- Available in 20kg, 40kgs bags

Health & Safety

- Wear protective gloves and eyewear during handling and application.
- In case of contact with skin or eyes, rinse immediately with plenty of water and seek medical advice if irritation persists.
- Keep out of reach of children.

Disposal

- Dispose of contents and packaging in accordance with local regulations.

Technical Support:

- For additional information, technical support, or to schedule a site visit, please contact our technical services department.