

CERAFIX - TDS

BSCO CERAFIX provides good workability and bond strength for fixing ceramic and mosaic tiles on concrete or plastered surfaces in dry and humid internal environments.



Fields of Application

- **Fixing of :**
- Ceramic tiles, mosaics, and clay tiles
- **Substrates :**
- Concrete, cement screed, plastered blocks, and leveling coats
- **Areas :**
- Internal walls and floors only
- Dry and moderately humid rooms (kitchens, bathrooms)

Advantages

- Ready-mixed dry powder – just add water.
- Easy to mix and apply.
- Good open time for tile placement.
- Non-sag formula for vertical tile applications.
- Economical and consistent quality.
- Suitable for internal wall and floor applications.

Property	Value
Appearance	Grey or white powder
Mixing Ratio	~ 4.0 - 5.0 L water / 20 kg bag
Pot Life	Approx. 3 hours
Open Time	≥ 20 minutes
Adjustability Time	≤ 15 minutes
Slip Resistance	≤ 0.5 mm
Initial Tensile Adhesion Strength	≥ 0.5 N/mm ²
Tensile Strength after Water Immersion	≥ 0.5 N/mm ²
Application Temperature	+5°C to +35°C

Product Description

BSCO CERAFIX is a standard cement-based tile adhesive classified as C1 according to EN 12004 / ISO 13007-1, designed for general-purpose use on internal wall and floor tiling. It is composed of high-quality cement, selected aggregates, and performance-enhancing additives. It provides good workability and bond strength for fixing ceramic and mosaic tiles on concrete or plastered surfaces in dry and humid internal environments.

Instructions

Clean tools and mixing containers with water immediately after use. Dried material can only be removed by mechanical methods.

Surface Preparation

- **Surface must be :**
Clean, dry, sound, and free of dust, oil, and grease
- ***Damp down hot or absorbent surfaces (no standing water)***
- ***Use BSCO Primer or Aqua Bond on absorbent or dusty substrates***

Mixing & Application

1. Add 4-5 liters of clean water into a clean container
2. Slowly add 20 kg BSCO ONE powder while mixing
3. Use a mechanical mixer until a smooth, homogeneous, lump-free paste is obtained
4. Let the mixture rest for 5 minutes, then remix briefly
5. Apply using a notched trowel appropriate for tile size
6. Lay tiles within 20 minutes of spreading adhesive
7. Adjust tile position within 15 minutes

Packaging & Coverage

Packaging: 20 KG multilayer paper bags

Approx. 4.0 – 5.0 kg/m² depending on:

- Substrate evenness
- Trowel notch size
- Tile size and type

Shelf Life & Storage

Shelf Life : 24 months in dry sealed packaging

Storage : Store in shadow away from direct sun light, dry area, on wooden pallets

Safety Measures

Contains cement. May irritate skin or eyes. Wear gloves, mask, and protective clothing. Wash thoroughly after handling. Refer to Safety Data Sheet (SDS) for further information.

Standard Compliance

- EN 12004 – C1
- ISO 13007-1 – Cementitious Adhesive
- Internal Quality Control (QC) tested

Legal Disclaimer

The information in this Technical Data Sheet is based on BSCO's current knowledge and is for general guidance only. As conditions of use are beyond our control, BSCO accepts no liability for improper application; users must ensure suitability for the intended purpose and apply according to instructions and standards. Performance values are indicative and may vary with conditions. BSCO reserves the right to amend specifications without prior notice; always refer to the latest Technical Data Sheet before use.