

BX KEMICAL

Adhesive for fixing Ceramic and
Absorbent Tile (Indoor)

AREAS OF USE SURFACES

- Cement-based screeds and mortars
- Plaster/renders to overlay existing floors
- Cellular concrete (for internal use)
- Fibro cement slabs

MATERIALS

- Ceramic tiles
- Marble and natural stone
- Indian marble
- Terracotta

USES

- Adhesive and finishing
- Floors and walls
- Internal use
- Domestic applications

TECHNICAL DATA COMPLIANT

▲ Pack	20 kg
▲ Shelf life	12 month in the original packaging protect from humidity
▲ Adhesive thickness	From 2 to 10 mm
▲ Coverage	1.3 kg/m ² per mm of thickness
▲ Temperature range	+5°C to +35°C for air, substrates, and materials
▲ Pot life	3–4 hours at 30°–35°C
▲ Vertical slip	<0.5mm
▲ Open time	15 minutes at 30°–35°C
▲ Adjustability time	30 minutes at 25°C
▲ Foot Traffic/grouting of joints	24 hours at 35°C
▲ Grouting in walls	18 hours at 30°–35°C
▲ Ready for use at	23°C/+35°C:
▲ Light foot traffic	4–2 days
▲ Heavy traffic	6–3 days



CLASS	CHARACTERISTICS
C1	T
COMPLIANT WITH EN 12004 STANDARD	

TYPE 1 T
IS 15477 : 2019



PERFORMANCE

Tensile adhesion Dry Condition after 28 days

0.7 N/mm (IS 15477: 2019)

Shear Adhesion Dry condition after 28 days

1.0 N/mm² (IS 15477: 2019)

Vertical slip

≤0.5mm (IS 15477: 2019)

Working temperature range

-30°C to +80°C

GENERAL NOTICES

- It is good practice to dampen highly absorbent concrete surfaces.
- All surfaces must be sound and thoroughly clean before applying BuildXpert adhesive.
- Ensure all traces of grease or oil are removed.
- Remove loose particles of mortar, old wallpaper, paint, etc, completely.
- Apply a sufficient layer of adhesive for maximum adhesion.
- For large rectangular sizes with sides > 30 cm, apply adhesive directly on the back surface of the tile. Check samples to ensure proper transfer of adhesive.
- Create elastic expansion joints based on the recommended guidelines.
- Respect all structural, fractionizing, and perimeter joints present in the surfaces.
- Use BX-Universal on timber, metal, plastic, or resilient materials, deformable surfaces, or surfaces subject to vibrations.
- Do not use on screeds, plasters/renders, uncured concrete, plasterboard, fiber-cement slabs, or smooth prefabricated concrete.
- BuildXpert adhesives are for professional use and should abide by relevant standards and national regulations.
- Protect from direct rainfall for at least 24 hours.
- The temperature, ventilation, and absorption of the surface and covering materials may affect the adhesive's workability and setting times.
- Use the right size of toothed trowel for the tile or slab format.
- For safety data sheet or any other issues, contact the BuildXpert India Helpline.

BUILDXPERT Build with trust

For further information and assistance,
please contact our BuildXpert India Helpline **+91 90547 21118** or
Email at **buildxpert21@gmail.com**.

