

BX TILES

flexible adhesive designed for fixing vitrified tiles and natural stones indoor and outdoor area.

AREAS OF USE SURFACES

- Cement-based screeds and mortars
- Waterproofing products
- Plaster/renders
- Overlay on existing floors
- Heated floors
- Fibro cement slabs

MATERIALS

- Ceramic tiles
- Vitrified tiles
- Marble and natural stone
- Indian marble
- Internal insulating and soundproofing panels
- Terracotta
- Various mosaics

USES

- Commercial applications
- Street furniture
- Floors and walls
- Saunas and spas
- Internal and external use

TECHNICAL DATA COMPLIANT

▲ Pack	40 kg
▲ Shelf life	12 month in the original packaging protect from humidity
▲ Adhesive thickness	2 to 15 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 hours at + 35°C
▲ Open time	30 minutes at 30°C-35°C
▲ Adjustability time	15 minutes at 23°C
▲ Foot Traffic/grouting of joints	24 hours at +35°C
▲ Grouting in walls	18 hours at +35°C
▲ Ready for use at	+23°C / +35°C:
▲ Light foot traffic	4-2 days
▲ Heavy traffic	6-3 days



CLASS	CHARACTERISTICS
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COMPLIANT WITH EN 12004 STANDARD	

TYPE 2 T
IS 15477 : 2019



PERFORMANCE

Tensile Adhesion Dry Condition after (28 days)

1.0 N/mm² (IS 15477: 2019)

Shear Adhesion Dry condition after (28 days)

1.4 N/mm² (IS 15477: 2019)

DURABILITY TEST

Tensile Adhesion Wet Condition (28 days)

1.0 N/mm² (IS 15477: 2019)

Shear Adhesion Heat condition after (28 days)

1.0 N/mm² (IS 15477: 2019)

Shear Adhesion Wet 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 (EN 1348)

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**.

