

BX STONE

flexible adhesive specifically designed for fixing vitrified tiles and natural stones of large size internally and small size at lower heights externally on both floors and walls.

AREAS OF USE SURFACES

- Cement-based screeds and mortars
- Plaster/renders
- Waterproofing products
- Cement and gypsum-based plaster/renders to overlay existing floors
- Cellular concrete (for internal use)

USES

- Adhesive and finishing
- Floors and walls
- Internal and external use
- Overlaying

MATERIALS

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

PRODUCT STRENGTHS

- Highly polymer-modified
- Thicknesses up to 15mm
- Suitable for balconies and terraces
- Prolonged workability
- Adjustable
- Sustains heat ageing
- Ideal for fixing stones

TECHNICAL DATA COMPLIANT

▲ Pack	40 kg
▲ Shelf life	12 months in the original packaging, protected from humidity
▲ Adhesive thickness	2 to 15 mm
▲ Temperature range	+5°C to +35°C for air, substrates and materials
▲ Pot life	4 hours at + 30°C
▲ Open time	35 minutes at +23°C
▲ Adjustability time	15 minutes at 23°C
▲ Foot Traffic	24 hours at +23°C
▲ Foot Traffic/grouting of joints	18 hours at +30°C
▲ Grouting in walls	18 hours at +23°C
▲ Ready for use at	+23°C / +35°C:
▲ Light foot traffic	3-2 days
▲ Heavy traffic	4-2 days
▲ Swimming pools	14 days at +23°C
▲ Coverage per mm thickness	
▲ Gray	1.3 kg/m ²
▲ White	1.2 kg/m ²



CLASS	CHARACTERISTICS
C2	T E S1
COMPLIANT WITH EN 12004 STANDARD	

TYPE 3 T S1
IS 15477 : 2019



PERFORMANCE

Tensile Adhesion Dry Condition after (28 days)

2.0 N/mm² (IS 15477: 2019)

Shear Adhesion Dry condition after (28 days)

2.0 N/mm² (IS 15477: 2019)

DURABILITY TEST

Tensile Adhesion Wet Condition (28 days)

1.4 N/mm² (IS 15477: 2019)

Shear Adhesion Heat condition after (28 days)

1.4 N/mm² (IS 15477: 2019)

Shear Adhesion Wet condition after (28 days)

1.4 N/mm² (IS 15477: 2019)

Transversal deformation

>2.5 mm (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**.

