

BX UNIVERSAL



Versatile adhesive for tiles and natural or Artificial stone. Bonds securely to plywood, metal, or any stable surface, including deformable ones. Suitable for indoor and outdoor use on floors, walls & even on ceiling.

AREAS OF USE SURFACES

- Flooring and walls in residential, commercial and industrial buildings
- Street furniture
- Underfloor heating systems
- Work surfaces in industrial settings or laboratories
- Swimming pools, Turkish baths, thermal water baths, and fountains
- Areas subject to freezing

MATERIALS

BX Universal is suitable for fixing to a variety of surfaces, including:

- Mineral screeds and those made with BX Screed binder
- Prefabricated concrete or fresh concrete castings
- Cement plasters and cement-lime mortar
- Floors and walls in polyurethane resin, glazed tiles, cement-based and resin floor tiles, porcelain tiles
- Wood, metals, rubber, PVC, linoleum, glass surfaces



CLASS	CHARACTERISTICS
R2	T
COMPLIANT WITH EN 12004 STANDARD	

TECHNICAL DATA COMPLIANT

▲ Appearance	Part A - white paste / Part B - white paste
▲ Adhesive thickness	2 to 10 mm
▲ Shelf life	12 months*
▲ Pack	Mono Pack 4 Kg (3.2 kg + 0.8 kg)
▲ Temperature range for application	From +10°C to +30°C
▲ Pot life	≥ 30 min
▲ Open time	≥ 30 min
▲ Adjustability	≥ 30 min
▲ Vertical slip	≤ 0.5 mm
▲ Foot traffic	24 hours
▲ Grouting	24 hours on floors / 12 hours on walls
▲ Interval before normal use	3 days
▲ Coverage	1.5 kg/m ² per mm of thickness

TYPE 5 T S2
IS 15477 : 2019



PERFORMANCE

Shear adhesion after 28 days

≥ 6 N/mm² (IS 15477:2019)

DURABILITY TEST

Shear adhesion after water immersion

≥ 3.5 N/mm² (EN 12004-2)

Shear adhesion after thermal shock

≥ 3.5 N/mm² (EN 12004-2)

Adhesion to concrete after 7 days

≥ 2.5 N/mm² (concrete yield) (EN 12004-2)

Vertical slip

≤ 0.5 mm

Elongation at break after 7 days

Approximately 30%

Working temperature

From -40°C to +70°C

Deformability

≥ 20 mm (IS 15477:2019)

INSTRUCTION FOR USE

- Substrates must be compact, consistent, and free from dust, oil, and grease.
- Uneven areas should be corrected with suitable smoothing and finishing products.
- Mix parts A and B of BX Universal in the ratio of 3.2:0.8 using a low-rev helicoidal agitator.
- Apply BX Universal with a suitable toothed trowel, pressing each tile into the ribbed adhesive for maximum coverage.
- Clean tools and surfaces with water and alcohol while the adhesive is still fresh.

Warning: Protect from frost, Avoid direct exposure to sunlight and sources of heat.

For safety data sheet or any other issues, contact the BuildXpert India Helpline.

Do not use on surfaces, not fully cured & subject to moisture rising.

BUILDXPERT Build with trust

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

