



INTRODUCTION

In an era where the construction industry undergoes dynamic transformations, BuildXpert stands at the forefront of innovation, responding to the heightened artistic demands in structural design. Established in 2020 in the vibrant city of Surat, Gujarat, BuildXpert was born with a vision to provide construction material solutions that marry high standards, local excellence, and affordability. Gujarat, a hub for tile manufacturing and entrepreneurial spirit, serves as an ideal backdrop for our operations.

BUILDXPERT TECHNOLOGY

Commencing with a focus on tile and stone fixing solutions, BuildXpert recognizes the evolving needs of the industry. Traditional methods persist despite changing dynamics, prompting the need for innovative installation approaches. In response, we've harnessed cutting-edge technology, considering diverse surfaces, construction areas, temperatures, and applicator ease in crafting our product range. Our products adhere to National (IS), European (EN), American Norms (ANSI), and other national and International Norms, ensuring the highest quality and performance standards.



SPECIALIZATION AND EXPERTISE

Boasting over two decades of experience in the construction industry, BuildXpert specializes in manufacturing screed, plaster, adhesives & grouts for your tiles & stone installations. Our commitment revolves around producing products that align with both Indian and international norms, utilizing locally sourced raw materials of superior quality at competitive prices.



OUR MISSION

At BuildXpert, we are dedicated to providing innovative, sustainable, and safe products, contributing to a better quality of life for future generations. Our commitment to sustainability underlines our role in creating environmentally conscious chemical solutions for the construction industry.



OUR VISION

We aspire to empower people with the strength of Indian manufacturing, positioning BuildXpert as a leading provider of sustainable building solutions. Globally recognized for our commitment to quality and customer satisfaction, we aim to make a positive impact in the construction industry.



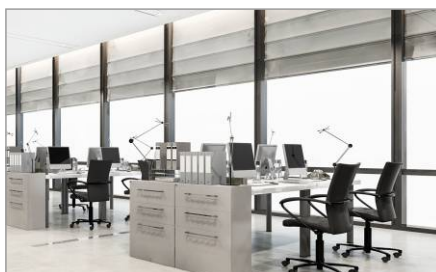
INDUSTRIAL

Cold Storage. Pharmaceutical Industries, Metro Stations, Nuclear Plant Premises, Electronics and Electrical Industries, Garments, Pharma and Neutraceuticals, Office Buildings, Testing Laboratories, Telecom equipment providers, Garment Processors, Defense Building, Metro Stations, Recording Studios, Leather Tanneries, Office Hubs with medium to High foot traffic, Metro access areas, Film Studios Office Hubs with light to medium foot traffic, Small and Medium Industrial Establishment



DOMESTIC

Bungalow and High rise Projects, Balconies, Terrace, Bathrooms, Olympic Swimming Pool & Jacuzzi, Patio, Garden Walkway. Recreation Clubs, High rise Building, Flat Roof Terrace, Hydrotherapy Pools, Verandah, Indoor Gymnasium, Kitchen, Glass Mosaic in Swimming Pool, Health Centre, Large Scale Housing Projects, Row Houses, Common Utility areas, Terraces in Large Scale Housing Projects, Row Houses, Individual Houses



COMMERCIAL

Green Buildings, Automotive Showrooms, Multiplexes, Shopping Malls, Star Hotels and Restaurants, Sauna & Swimming Pools, Airport & Hospitals, IT Parks, Financial and Conference Centers, LEEDS certified Building, Data Center, Fast Food Chains & Beauty Parlors, Coworking Spaces, Hotels and Eateries, Multiplexes and Malls, Medical Centers, Resorts & Spa, Educational Institutes, Farm equipment Showrooms, Government Buildings, Mobile Showrooms, Corporate Training Centers, Hotels, Shopping, Medical Centres, Wave and Kiddie Pools, Educational Premises and Hostels Buildings, Office Buildings, Shopping Centres, Shops and Commercial Establishments,

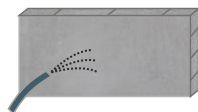
TILE AND STONE FIXING PROCEDURE

Base Preparation



Use BX Screed for Floor and BX Palster for wall. Strong, Flexible and Crack free base

Curing Substrate



Give it required curing and drying time to achieve desired strength

Cleaning & Wetting



Clean and wet the surface before fixing tile and stone

Mixing Tile Adhesive



Pour Tile Adhesive into water as per required ratio and mix the paste using hand mixer for 5 minutes.

Apply Adhesive



Apply adhesive on the substrate & Tile using appropriate notch trowel. Do not spread more than 1sqm of area at a time

Fix Tiles / Stones



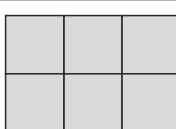
Fix tiles / stones firmly into position with a sliding motion and hammer with soft mallet to ensure a better bond.

Cleaning Adhesive



Clean off excessive adhesive between the joints and on tiles with a damp cloth.

Filling Joints



Fill Joints with BX Epoxy: choose from range of 42 colours to fill into your joints



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Scan and Connect



RETAIL SECTION



PRODUCT	BX-PLASTER	BX-SCREED	BX - KEMICAL	BX -CERAMIC	BX-VITRIFIED
Standards / Classifications	IS: 1542	IS: 1443	C1 T / Type 1T	C1 TE / Type 1T	C2 TE / Type 2T
Colour	Grey	Grey	Grey	Grey	Grey
Bag / Bucket Packaging (in kg)	40kg	40kg	20 kg	20kg	20kg
Pot Life	2 Hours	2 Hours	2-3 Hours	2-3 Hours	2-3 Hours
Open Time	-	-	20 Mins	30 Mins	30 Mins
Water Demand per Bag (in Ltr)	6-7	13 - 14	5.5	5.5	5.5
Mixing Ratio	-	1 (BX Screed):4-6 (Sand)	-	-	-
Coverage(kg/m ² /mm)	1.65	1.7-2.5	1.2	1.3	1.3
Foot Traffic In Hours	24	24	24	24	24
Tensile Adhesion Strength	≥0.5 N / mm ²	-	≥0.65 N / mm ²	≥0.9 N / mm ²	≥1.2 N / mm ²
Shelf Life	12 months	12 months	12 Months	12 Months	12 Months
Suitable Substrates	Brick, Block Masonry and Concrete Surfaces	Stable Cementitious Surface and Concrete Floor	Stable Cementitious Surface	Stable Cementitious Surface	Stable Cementitious Surface
Material Type For Fixing	Brick, Block Masonry And Concrete Surfaces	-	Small Medium Size Absorbent Tiles	Small Size Vitrified Tiles on wall and Medium Porcelain Tiles on Floor	Glass Mosaic, Medium Vitrified Tiles, Natural Marble & Stone
Areas	Indoor & Outdoor * Floors & Walls	Indoor & Outdoor * Floors	Indoor Floors * And Walls	Indoor Floors * And Walls	Indoor & Outdoor * Floors and Walls

* - Please consult our technical team for your specific application

RETAIL SECTION



PRODUCT	BX-MARBLE	BX-EXTERNAL	BX-UNIVERSAL	BX-EPOXY	BX-GROUT
Standards / Classifications	C2 TE S1 / Type 3T S1	C2 TE S1 / Type 4T S1	R2 T / Type 5T S2	ISO 13007 part 4 & 6	CG2WA
Colour	Grey / White	Grey / White	White	Refer Color Chart	Refer Color Chart
Bag / Bucket Packaging (in kg)	20kg	20 kg	4 kg	1 kg & 5 kg	1 kg & 5 kg
Pot Life	2-3 Hours	2-3 Hours	45 Mins	45 Mins	1 Hour
Open Time	30 Mins	30 Mins	30 Mins	30 Mins	30 Mins
Water Demand per Bag (in Ltr)	5.5	5.5	-	-	0.35 ltr/kg
Mixing Ratio	-	-	A:B:3.2:0.8	A:B:C=0.9 : 0.45 : 3.65	-
Coverage(kg/m ² /mm)	1.3	1.3	1.5	Refer Chart	Refer Chart
Foot Traffic In Hours	24	24	24	24	24
Tensile Adhesion Strength	≥1.9 N / mm ²	≥2.2 N / mm ²	≥4 N / mm ²	≥8 N / mm ²	-
Shelf Life	12 Months	12 Months	12 Months	12 Months	12 Months
Suitable Substrates	Stable Cementitious Surface, Substrate With Moderate Vibration	Stable Cementitious Surface, Substrate With Moderate Vibration & Thermal Stress	Metal, Wood, Ply, Glass, All boards, Ceiling, Stable & Unstable Cementitious Surface	Floor Under Continues Water, Alkalinity, Acid Spillage	Joint under high aesthetic demand
Material Type For Fixing	Large Format Vitrified Tiles, Natural Marble & Stone, Glass Mosaic	Large Format Vitrified Tiles, Natural Marble & Stone, Glass Mosaic	All Types of Tiles Natural & Artificial Stone	All Types of Tiles & Stone Joints	All Types of Tiles & Stone Joints
Areas	Indoor & Outdoor* Floors and Walls	Indoor & Outdoor* Floors and Walls	Indoor & Outdoor* Areas	Indoor & Outdoor * Walls & Floors	Indoor & Outdoor * Walls & Floors

* - Please consult our technical team for your specific application

PROJECT SECTION



PRODUCT	BX-FIX	BX-TILE	BX-STONE	BX-ULTRAFLAX	BX -BLOCK
Standards / Classifications	C1 TE / Type 1T	C2 TE / Type 2T	C2 TE S1 / Type 3T S1	C2 TE S1 / Type 4T S1	C1 T
Colour	Grey	Grey	Grey/White	Grey / White	Grey
Bag / Bucket Packaging (in kg)	40kg	40kg	40kg	40kg	40 kg
Pot Life	2-3 Hours	2-3 Hours	2-3 Hours	2-3 Hours	4 Hours
Open Time	30 Mins	30Mins	30Mins	30 Mins	20 Mins
Water Demand per Bag (in Ltr)	11	11	11	11	12
Mixing Ratio	-	-	-	-	-
Coverage(kg/m ² /mm)	1.3	1.3	1.3	1.3	1.2
Foot Traffic In Hours	24	24	24	24	24
Tensile Adhesion Strength	≥0.9 N / mm ²	≥1.2 N / mm ²	≥1.9 N / mm ²	≥2.2 N / mm ²	≥0.6 N / mm ²
Shelf Life	12 Months	12 months	12 months	12 Months	12 Months
Suitable Substrates	Stable Cementitious Surface	Stable Cementitious Surface	Stable Cementitious Surface. Substrate With Moderate Vibration	Stable Cementitious Surface, Substrate With Moderate Vibration & Thermal Stress	All type of light cement and concrete blocks
Material Type For Fixing	Small Size Vitrified Tiles on wall and Medium Porcelain Tiles on Floor	Vitrified Tiles, Marble, Natural Stone, Glass Mosaic	Large Format Vitrified Tiles, Natural Marble & Stone, Glass Mosaic	Large Format Vitrified Tiles, Natural Marble & Stone, Glass Mosaic	All type of light cement and concrete blocks
Areas	Indoor Floors * And Walls	Indoor & Outdoor* Floors and Walls	Indoor & Outdoor* Floors and Walls	Indoor & Outdoor* Floors and Walls	Indoor & Outdoor * Walls & Floors

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