



The Foundation of
QUALITY CONSTRUCTION



TILE ADHESIVE | BLOCK JOINTING
EPOXY GROUT | TILE GROUT | OTHER CONSTRUCTION CHEMICALS

Steed Construction Chemicals: Innovating Excellence in Building Solutions

Since 2010, Steed Construction Chemicals has been a trusted manufacturer and exporter, specializing in high-quality construction chemicals. We are proud holders of ISO, ISI and CE certifications, underscoring our commitment to superior standards and sustainable practices. Our product range includes advanced solutions for tile adhesive, tile grout, epoxy grout, waterproofing, concrete admixtures, sealants, and protective coatings, tailored to enhance durability, efficiency, and environmental responsibility in construction projects worldwide.

Why Choose Steed Construction Chemicals?

At Steed Construction Chemicals, we combine technical expertise with a passion for innovation to deliver solutions that meet the diverse needs of the construction industry. With a steadfast dedication to quality and sustain ability, our products not only ensure structural integrity but also contribute to reducing environmental impact. Partner with us to experience reliable products, exceptional service, and a commitment to building a sustainable future through responsible chemical solutions.

भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

संकेत संख्या / Marking Code: ISI 15477:2019

उत्पाद / Product: Adhesives for use with ceramic, mosaic and stone tiles

उत्पादक / Manufacturer: M/S STEED BUILDCON INDUSTRY, P/117/153, OPP. STEED, GURGAON-122002, Haryana

अनुमति संख्या / License No.: ISI 15477:2019

वैधता / Validity: 22.06.2024 to 22.06.2024

संकेत / Marking Code: ISI 15477:2019

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ISO 9001:2015

उत्पादक / Manufacturer: M/S STEED BUILDCON INDUSTRY, P/117/153, OPP. STEED, GURGAON-122002, Haryana

वैधता / Validity: 07/10/2023 to 07/09/2024

CE

उत्पादक / Manufacturer: M/S STEED BUILDCON INDUSTRY, P/117/153, OPP. STEED, GURGAON-122002, Haryana

वैधता / Validity: 21st May 2023 to 21st May 2027



to establish oneself as a global platform leader and gain traction in the areas of product innovation and customer satisfaction. As advocates of Steed, we are dedicated to setting new benchmarks for excellence by offering excellent quality control together with efficient services and maximizing potential by delivering the most dependable, responsive system that guarantees the best outcome.



Facade



Pools & Water Bodies



Commercial Flooring



Residential Flooring



Industrial Flooring

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SB-01
New Construction Adhesive

IS:15477

 CM/L-7900120850
TYPE - 1



PRODUCT DETAILS

SB-01 high polymer modified cement based tile adhesive, Suitable for fixing small wall and floor tiles in internal situation. Application in difficult and demanding situations consult STEED regarding use of a higher performance adhesive.

FEATURES

- Suitable for fixing ceramic tiles for wall & floor
- Polymer modified adhesive
- Good strength & interior situations
- Easy mixing & application

COVERAGE

Approximately 4.5 o 5m/20kg @ 3mm thickness when using a thin trowel

PACKAING

20 kg

TECHNICAL INFORMATION (IS:15477:2019)

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Grey
Pot life	2 Hours
Open time	15 Min.
Adjustability time	20 Min.
Trafficable time, Hrs	24
Shear adhesion, dry condition (as per annex B)	1.09 N/mm ²
Tensile adhesion, dry condition (as per annex A)	0.85 N/mm ²
EN 12004 Standards	C1E



SB-02
Non Skid Adhesive

IS:15477

 CM/L-7900120850
TYPE - 1



PRODUCT DETAILS

SB-02 high polymer modified cement based tile adhesive, Suitable for fixing small wall and floor tiles in internal situation. Application in difficult and demanding situations consult STEED regarding use of a higher performance adhesive.

FEATURES

- Suitable for fixing ceramic tiles for wall & floor
- Polymer modified adhesive
- Good strength & interior situations
- Easy mixing & application

COVERAGE

Approximately 4.5 o 5m/20kg @ 3mm thickness when using a thin trowel

PACKAING

20 kg

TECHNICAL INFORMATION (IS:15477:2019)

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Grey
Pot life	2 Hours
Open time	20 Min.
Adjustability time	25 Min.
Trafficable time, Hrs	24
Shear adhesion, dry condition (as per annex B)	1.14 N/mm ²
Tensile adhesion, dry condition (as per annex A)	0.91 N/mm ²
EN 12004 Standards	C1T



SB-03
Vitrex Tile Adhesive

IS:15477

 CM/L-7900120850
TYPE - 2 T



PRODUCT DETAILS

SB-03 high polymer modified cement based tile adhesive, Suitable for fixing wall tile, floor tile, vitrified tiles, porcelain tiles 600x600,800x800, 600x1200 and also tile on tile in internal situation. Applications in difficult and demanding situation consult STEED regarding use of a higher performance adhesive

FEATURES

- High polymer modified adhesive
- Easy mixing & smooth application & better work ability
- High strength
- For use on walls and floors interior & exterior

COVERAGE

Approximately 4.5 o 5m/20kg @ 3mm thickness when using a thin trowel

PACKAING

20 kg

TECHNICAL INFORMATION (IS:15477:2019)

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Grey
Pot life	2 Hours
Open time	25 Min.
Adjustability time	30 Min.
Trafficable time, Hrs	24
Shear adhesion, (as per annex B) dry condition, heat condition wet condition	> 1.48 N/mm ² > 1.19 N/mm ² > 1.28 N/mm ²
Tensile adhesion, (as per annex A) dry condition, Wet condition	> 1.17 N/mm ² > 1.37 N/mm ²
EN 12004 Standards	C2T
Slip	0.32 mm



SB-06
Vitrex Ultra Tile Adhesive



PRODUCT DETAILS

SB-06 high polymer modified cement based tile adhesive. suitable for fixing wall tiles, floor tiles, vitrified tiles, porcelain tiles, 600x600, 800x800, 600x1200, 800x1600 applications in difficult and demanding situation consult STEED regarding use of a higher performance adhesive

FEATURES

- High strength
- High polymer modified adhesive
- For use on walls and floors in interior & exterior
- Easy mixing & smooth application better work ability
- Granite for window seals

COVERAGE

Approximately 4.5 to 5m/20kg @ 3mm thickness when using a thin trowel

PACKAGING

20 kg

TECHNICAL INFORMATION (IS:15477:2019)

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	White
Pot life	2 Hours
Open time	30 Min.
Adjustability time	40 Min.
Trafficable time, Hrs	24
Shear adhesion, (as per annex B) dry condition, heat condition wet condition	> 1.43 N/mm ² > 1.30 N/mm ² > 1.24 N/mm ²
Tensile adhesion, (as per annex A) dry condition, Wet condition	> 1.26 N/mm ² > 1.16 N/mm ²
EN 12004 Standards	C2TE
Slip	0.29 mm



SB-08
Stonex Tile Adhesive

IS:15477

 CML-7900120850
TYPE - 3 T



PRODUCT DETAILS

SB-08 high polymer modified cement based tile adhesive, Suitable for fixing wall tile, floor tile, vitrified tiles, porcelain tiles, natural stone, marble 600x1200, 800x1200, 1000x1000 and also tile on tile in internal and external situation. Applications in difficult and demanding situation consult STEED regarding use of a higher performance adhesive

FEATURES

- High polymer modified adhesive
- For use on walls & floors in Interior & exteriors
- Easy mixing & smooth application & better work ability
- High strength & Water resistance
- Flexible Tile Adhesive

COVERAGE

Approximately 4.5 to 5m²/20kg @ 3mm thickness when using a thin trowel

PACKAGING

20 kg

TECHNICAL INFORMATION (IS:15477:2019)

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	White
Pot life	2 Hours
Open time	22 Min.
Adjustability time	25 Min.
Trafficable time, Hrs	24
Shear adhesion, (as per annex B) dry condition, heat condition wet condition	> 1.53 N/mm ² > 1.04 N/mm ² > 1.11 N/mm ²
Tensile adhesion, (as per annex A) dry condition, Wet condition	> 1.54 N/mm ² > 1.03 N/mm ²
Deformability (as per annex F)	> 2.67 mm
EN 12004 Standards	C2TES1
Slip	0.32 mm



SB-10
Stonex Ultra Tile Adhesive

IS:15477

 CM/L-7900120850
TYPE - 4 T S1

PRODUCT DETAILS

SB-10 high polymer modified cement based tile adhesive. suitable for fixing wall tiles, floor tiles, vitrified tiles, porcelain tiles, 1000x1000, 1200x2400, 750x1500 applications in difficult and demanding situation consult STEED regarding use of a higher performance adhesive

FEATURES

- Very high polymer modified
- Very high performance and strength
- Premium multi use adhesive
- Excellent water and frost resistance
- Excellent tensile & shear adhesion
- High Flexible Tile Adhesive

COVERAGE

Approximately 4.5 o 5m/20kg @ 3mm thickness when using a thin trowel

PACKAING

20 kg



TECHNICAL INFORMATION (IS:15477:2019)

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	White
Pot life	2 Hours
Open time	20 Min.
Adjustability time	25 Min.
Trafficable time, Hrs	24
Shear adhesion, (as per annex B) dry condition, heat condition wet condition	> 1.56 N/mm ² > 1.63 N/mm ² > 1.73 N/mm ²
Tensile adhesion, (as per annex A) dry condition, Wet condition	> 1.55 N/mm ² > 1.12 N/mm ²
Deformability (as per annex F)	> 2.87 mm
EN 12004 Standards	C2TES1
Slip	0.35 mm



BLOCK FIXING MORTAR

High Adhesion of fly
ash blocks

PRODUCT DETAILS

Block Fixing Mortar is a non-refractory mortar, used for laying masonry units like AAC blocks. It is a self-curing mortar made from cement, selected fine sand and polymeric additives, which ensure good bonding and durable strength between the blocks.

FEATURES

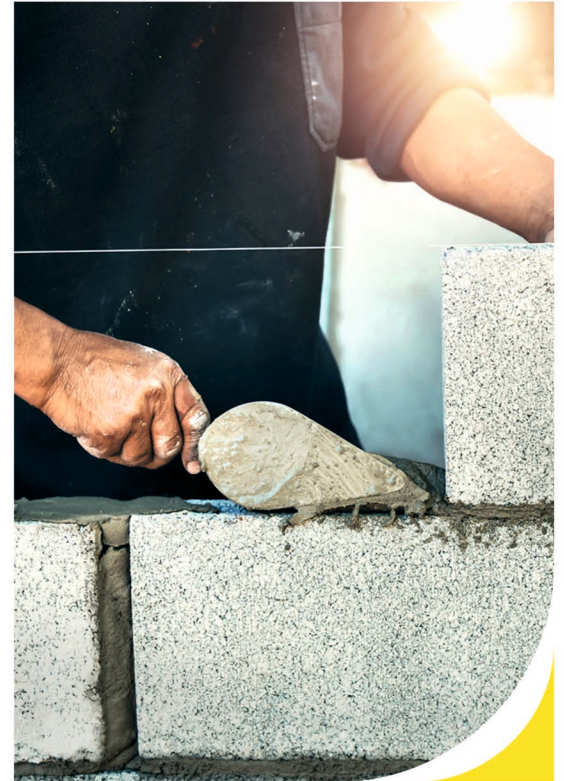
- High strength
- Fast acting
- Easy to apply
- Improved adhesion between two blocks
- Excellent Durability
- Self curing

COVERAGE

Coverage is based on smoothness and evenness of the substrate, size of blocks used and the thickness of mortar used. A general guide line of coverage of mortar is given when used with 30% water is added to powder

PACKAING

40 kg



TECHNICAL INFORMATION

PROPERTIES	RESULTS
Colour	Grey
Water Requirement	9-10 ltrs per 40 Kg
Open & Adjustable time	20 Min.
Pot Life	120 Min.
Initial & Final setting time	B 240 min & FST: 360 min
Tensile Adhesion Strength	>1.00N/mm ² (at the age of 28 days)
Compressive Strength	>12 Mpa (at the age of 28 days)
Flexural Strength	>2.50 Mpa (at the age of 28 days)

STEEPOXY GROUT (3 PART)

Use For Hard Bonding of Grout,
With All Types of Grouts.



PRODUCT DETAILS

3 Part of Epoxy Grout is a three-part system, comprising of PART A, PART B and PART C for ease of application, The ability to fill tile / stone joints. The grout is best mixed to a smooth, creamy consistent paste. Epoxy resin based grout has a high degree of resistant to chemicals, abrasion and higher impact resistance. The cured grout-creates-tough, impermeable layer-resistant to food drops, bacteria, and dirt is easily maintained in a spiral condition.

FEATURES

- Stain less and easy to clean, easy to mix and apply.
- Provides excellent chemical resistant property.
- Provides hygienic, hard wearing & impervious properties.
- Non-cracking or powdering.
- Non-Toxic & restricts entry of bacteria / dirt.

PACKAING

1 kg | 5 kg

TECHNICAL INFORMATION

PROPERTIES	RESULTS
Shear Adhesion Strength	>2N/m ²
Abrasion Resistance	=250mm ³
Mechanical Flexural Strength	=30 N/mm ²
Compressive Strength	=45 N/mm ²
Water Absorption	Nil (I)
TENSILE ADHESION (14 DAY AIR)	
Epoxy Grout	>4.5 Dry Condition (kN)
Epoxy Grout	>3.6 Wet Condition (kN)



TILE GROUT
Polymer Modified Grout
For Wall & Floor Tile Joints.



PRODUCT DETAILS

A high quality fine polymer modified water resistant cement based powder grout, suitable for floor tile and wall tile joints. Up to 3 mm

FEATURES

Polymer modified grout | Good Compressive strength
Available in range of colors | Easy to use | Non shrink
Durable | Abration Resistance

COVERAGE

Varies with tile size and grout width

PACKAING

1 kg

AVAILABLE COLOUR



WHITE



IVORY



GREY



BLACK



BROWN

TECHNICAL INFORMATION

PROPERTIES	RESULTS
Colour	Grey
Water Requirement	9-10 ltrs per 40 Kg
Open & Adjustable time	20 Min.
Colour	Grey
Water Requirement	9-10 ltrs per 40 Kg
Open & Adjustable time	20 Min.
Open & Adjustable time	20 Min.



TILE CLEANER

Fast Acting Wall & Floor
Tile Cleaner



PRODUCT DETAILS

A powerful heavy duty acid based cleaner for ceramic tiles for floor and wall. The cleaner can be easily applied to both horizontal and vertical surface, where it remains in contact with the area to be cleaned. Heavy duty tiles cleaner is designed for removal of cement film residue, efflorescence and lime scale.

NOTE

Do not use on surfaces that are not resistant to acid such as marble / terrazzo. Do not use your bare hand, use hand gloves while using of tiles care, Highly reactive to skin

FEATURES

- Powerful formula
- Fast acting
- Easy to apply
- Removes cement film
- Removes residues, Efflorescence and most oxide stains

PACKAGING

1 Ltr

TECHNICAL INFORMATION

FORMULA	LIQUID
Appearance	Colourless (By Volume)
Specific Gravity	1.0<+
PH	5-6.5



401 SBR LATEX

Highly potent and versatile SBR based liquid for high performance applications in waterproofing and repairs



PRODUCT DETAILS

STEED 401 SBR Latex cement combination in cement mortar and cement concrete is governed by both the cement hydration SBR Latex used as bonding agent. High bond strength prevents leakage and dampness.

FEATURES

Excellent coverage 70-80 sq.ft per kg/in 2 coats, hence economical less material wastage-material does not fall back / rebound, when used as bonding agent highbond strength prevents leakage & dampness enhances strength of a repair mortar & provides durability

PACKAING

1 Ltr | 5 Ltr | 20 Ltr

TECHNICAL INFORMATION

FORMULA	LIQUID
Type	Styrene Butadiene Polymer Liquid
Color	White
Specific Gravity	1.02 + 0.02
Storage Condition	Free From Frost
Solid Content	44 + 1%
Hard Dry	5-6 Hours
For Best Resust	Use before 1 year if unopened
Consumtion	1 Kg of Super Latex will cover 70-80 Sq.ft area in 2 Coats
Proportion Mix 1:4:7	Steed Latex: Water: Cement



201 STEEDPROOF SW+

Highly potent and versatile SBR based liquid for high performance applications in waterproofing and repairs



PRODUCT DETAILS

201 STEEDPROOF SW+ is specially formulated integral liquid waterproofing compound composed of surface active plasticizing agents, polymer and additives. It is used as an additive for cement concrete, mortar and plaster,

FEATURES

Permits concrete placement in congested reinforcement and not easily accessible areas by producing flowable concrete, Reduces water ratio to the extent of 15 to 20%. Improves work ability and compressive strength. minimizes segregation and bleeding, To produce concrete with lower cement with similar strength and durability, To produce concrete with lower water cement ratio, higher strength and durability and work ability of normal mix design. Suitable for fresh concrete and hardened concrete, To create impervious and dense concrete, ideal for sloping roofs, thin shell roofs, domes where compaction or use of vibrator is not possible.

PACKAGING

1 Ltr | 5 Ltr | 20 Ltr

TECHNICAL INFORMATION

FORMULA	LIQUID
Appearance	Free flowing thin liquid
Colour	Brown
Sp. Gravity @25°C. gms/cc	1.05 ± 0.02
Non volatile content, %	13 ± 0.05%
PH value	11-13
Setting time, minutes	Initial - 100; Final - 185
Chloride content	>0.0003
Chloride content	0.002%
Water Permiability	>60% of the Control

2MM 3MM 4MM

5MM 6MM

TILE SPACER

TILE SPINNER

VACUUM LIFTER

TILE CLIP & WEDGE

TILE JACK

TROWEL

TILE LEVELING PLIERS

Areas of Application

Steed Tile Grout is used for grouting of ceramic tiles, marbles, natural stones and edges.

- * Specially formulated for wet or submerged grouting applications such as swimming pool, bathrooms, toilets, fountains and kitchen areas.
- * It can be used for external and internal areas.
- * It is used in residential and commercial areas.
- * Application up to joint width of 2-4mm.
- * It is excellent for highly glazed tiles to give a smooth and watertight joints which when set will be both water and mould resistant.

Method of Application

1 Surface Preparation

- * Surface must be cleaned and should be free from dirt, cured tile adhesive. Remove dust with wire brush & by air blower.
- * For exterior grouting application, wet the tiles prior to applying **Steed Tile Grout**.

2 Mixing

- * Add the grout powder to the mixing **Steed Grout Hardner** (w:p ratio – 1 : 2.5 by volume) and mix with slow speed drill (250-300 rpm) to a soft & smooth consistency paste.
- * If the grout mortar has become too stiff to work, it should be discarded and a new batch should be prepared.

3 Application

Apply to the tile joints with squeegee, spatula or putty blade. After application flush the surface of tile using a hard rubber float, working diagonally across the grout joints to fill and compact the joints. All excess grout should be removed with the same rubber float without any delay.

*Lesser the quantity of grout left on the face of the tiles while application, the final cleaning will be easier. with **Steed Tile Care**.

*However, it is important to allow the grout to set in the joint and to let it acquire its initial set before any further cleaning. After the initial set of the grout, clean the tile surface with a pad of cheesecloth or towel dampened with minimum quantity of clean and cool water. Rub in a circular motion to further compact the grout.

*The remaining surface grout on the tile can also be cleaned at this time. Scrubbing pad fastened to a float works very well to remove grout from the porous tiles.

*Rebuff the tile surface and grout within 1-2 hours to remove all weep water and grout residue from the surface, which helps to reduce the efflorescence and to control colour variation.

4 CLEANING

- *Polish the tiles when the job is complete with a clean dry cloth. Scrubbing the floor with hot water and soap water is the best.
- *Due to polymer content, it is advisable to clean the surface immediately after the grouting.

Shelf Life & Storage

Shelf life is 12 months from the date of manufacturing in unopened condition.
Store in a cool & dry place.

Health & Safety Precautions

- Protective clothing, such as gloves and goggles, should be worn.
- * Treat any contact to the skin or eyes with fresh water immediately.
 - * Do not induce vomiting & seek medical
 - * Assistance immediately.
 - * Reseal pack after use and ensure product is stored as instructed..

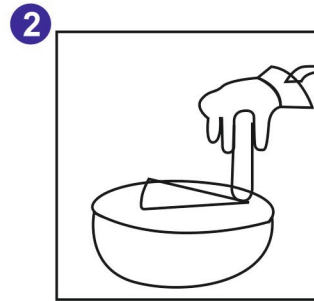
Approximate Coverage Ratio for Tiles Grout & Epoxy Grouts

In mm	2mm	3mm	4mm	6mm	8mm	10mm	12mm
100x100x3	264	177	133	90	68	55	46
150x150x4	296	198	149	100	75	61	51
200x150x4	269	181	136	91	69	55	46
150x300x6	263	175	132	88	66	53	44
300x300x6	394	263	198	132	100	80	67
450x300x7	405	270	202	135	101	81	68
600x450x8	506	337	253	169	127	101	85
600x600x8	591	394	295	197	148	119	99
600x900x11	515	343	258	171	129	103	86
900x900x12	590	393	295	197	148	118	99

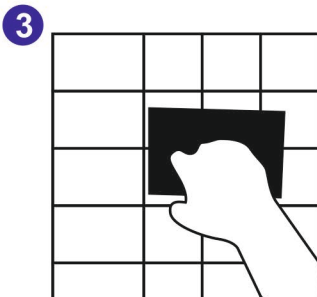
Approximate Sq.ft Coverage per 5 kg. Grout



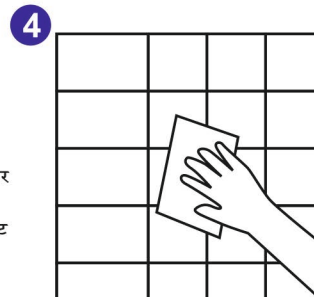
Add 3 to 3.5 parts of Grout to one part of water by volume.
ग्राउट के 3 से 3.5 हिस्से को एक हिस्से पानी में मिलाए



Mix to a smooth consistency
इकसार होने तक मिलाने रहे.

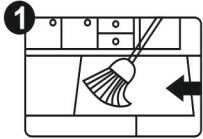


Fill the tile joints by spreading filler paste with rubber trowel in such a way that the entire area of joint gaps are filled.
रबर ट्रोवेल (खुरपी) की सहायता से इस फिलर पेस्ट को फैलाते हुए दो टाइलों के बीच के जॉइंट्स में इस तरह भरें कि पूरी जगह में जॉइंट फिलर पेस्ट भर जाए.

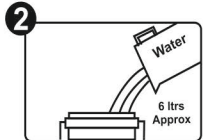


Remove surplus Grout with a damp sponge. Allow 24 hours to dry.
अतिरिक्त ग्राउट को किसी नम स्पंज से निकाल दें और 24 घंटे तक सुखने दें.

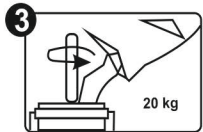
DIRECTION OF USE



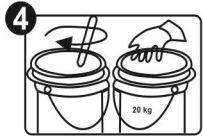
1 REMOVE ANY OIL, DUST AND GREASE.
तेल, ग्रीस, और धूल मिटी को हटाये



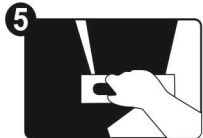
2 POUR WATER INTO THE BUCKET.
खाली बाल्टी में पानी डालें



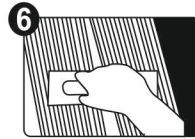
3 ADD THE POWDER AND MIX.
पाउडर को उसमें डालें और मिलाएं



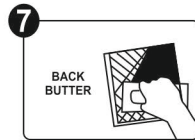
4 MIX THOROUGHLY PREFERABLY WITH MECHANICAL STIRRER OR MANUALLY.
समतुलित पेस्ट बनाने के लिए सही मिश्रण करें



5 APPLY THE ADHESIVE ON THE SURFACE WITH THE SMOOTH PART OF THE TROWEL.
सतह पर एडेसिव फैलाने के लिए, ट्रोवेल के सपाट हिस्से का इस्तेमाल करें



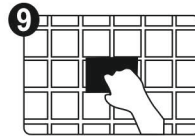
6 SPREAD THE ADHESIVE USING THE TOOTHED PART OF THE TROWEL
एडेसिव को उपयुक्त मोटाई देने के लिए ट्रोवेल के दाते वाला हिस्सा इस्तेमाल करें



7 AS PER REQUIREMENT DO BACK BUTTERING ON TILE.
बड़ी साइज की टाइल्स के लिए एडेसिव को टाइल्स के पिछे जरूर लगाएं



8 START PLACING THE TILES ON THE SURFACE. TAP THE TILE PROPERLY TO ENSURE COMPLETE COVERAGE ON THE BACK SIDE OF TILES.
टाइल लगाई जा रही सतह पर टाइल्स रखना शुरू करें, टाइल्स को हल्के से ढौंके ताकि टाइल्स के पिछले हिस्से पर पूर्ण कवरेज मिल सके.



9 REMOVE EXCESS ADHESIVE FROM THE TILE SURFACE.
जरूरत से ज्यादा एडेसिव टाइल की सतह पर है तो निकाल लें



10 WAIT
GROUT 24 H AFTER FIXING.
फिकसिंग के %, घंटे बाद साधें

Precautions & Limitations

Always add powder to liquid and not liquid to powder While working in temperature more than 350C (950F) always dampen the substrate & finish faster Tiling should not be done when surface temperature is below 40C.

Health & Safety Precautions

Protective clothing, such as gloves and goggles, should be worn. Treat any contact to the skin eyes with fresh water immediately. Do not induce vomiting & seek medical Assistance immediately Reseal pack after use and ensure product is stored as instructed..

Shelf Life & Storage

Shelf life is 12 months from the date of manufacturing in unopened condition. Store in a cool & dry place.



Mfg. & Marketed by
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