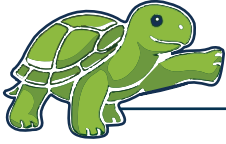




GripMate

CONSTRUCTION CHEMICALS





About us:-

Gripmate is a new-age construction chemicals company committed to delivering performance driven, reliable solutions for modern construction. Our products are designed with superior formulations that ensure excellent adhesion, high bond strength, and true thixotropy, making application smooth, controlled, and sagfree for both wall and floor installations.

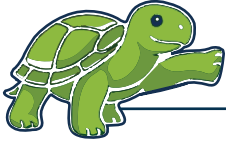
Beyond tile adhesives, Gripmate also offers advanced waterproofing solutions engineered to protect structures from moisture ingress, enhance durability, and extend service life across varied site conditions.

Our strength lies in science backed development. With a well-equipped in-house laboratory featuring pull-off testers, tensile and shear adhesion testing equipment, and other quality control instruments we continuously test, validate, and improve our formulations through focused R&D.

At Gripmate, every product is built to perform consistently on site, delivering lasting protection, strong bonding, and complete confidence.

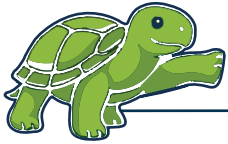


GripMate
CONSTRUCTION CHEMICALS



Page	Description
4.	GA15
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7.	GA45
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9.	Epoxy Grout
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13.	Gripmate BJM
14.	Gripmate Ready mix plaster
15.	NSFF grout-XP2





GA15 – Standard Performance Tile Adhesive (C1T | T1T)

Reliable Bonding for Everyday Tiling Needs

GA15 is a cement-based tile adhesive designed for standard ceramic tile applications on walls and floors in internal, dry areas. It offers balanced strength, smooth workability, and extended open time, making it ideal for routine residential projects.

Recommended Applications-

- Ceramic tiles
- Internal walls & floors
- Residential bathrooms, kitchens, and living spaces

Key Benefits-

Consistent bonding strength

Comfortable open and adjustment time

Easy mixing and smooth application

Suitable for daily-use installations



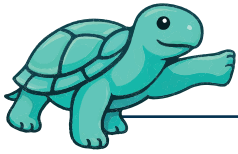
Open Time-
Up to **30 minutes**



Adjustment Time-
Up to **45 minutes**

Technical Performance Comparison-

Parameter	IS / EN Requirement (C1T / T1T)	GripMate GA15)
Tensile Adhesion Strength (Dry)	≥ 0.5 MPa	0.6 – 0.8 MPa
Shear Adhesion Strength (Dry)	≥ 1.0 MPa	1.2 MPa
Open Time (≥ 20 min)	≥ 0.5 MPa	Up to 30 minutes
Slip Resistance (T class)	≥ 0.5 mm	



GA25 – High Strength Tile Adhesive (C2T | T2T)

Enhanced Strength for Vitrified & Heavy Tiles

GA25 is a polymer-modified adhesive offering higher tensile and shear strength, suitable for vitrified tiles and heavier formats. It performs reliably under wet and heat-aged conditions, making it ideal for demanding residential and light commercial use..

Recommended Applications-

- Vitrified & ceramic tiles
- Floors and walls
- Residential & commercial interiors

Key Benefits-

Improved bonding for heavy tiles

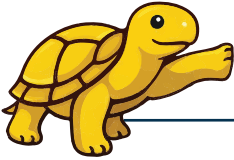
Excellent wet and heat-ageing performance

Reduced tile slip on vertical surfaces



Technical Performance Comparison-

Parameter	IS / EN Requirement (C1T / T1T)	GripMate GA15)
Tensile Adhesion Strength	$\geq 0.5 \text{ MPa}$	1.2 – 1.4 MPa
Shear Adhesion Strength (Dry Condition)	$\geq 1.0 \text{ MPa}$	$\geq 1.5 \text{ MPa}$
Shear Adhesion Strength (Heat Ageing)	$\geq 1.0 \text{ MPa}$	$\geq 1.25 \text{ MPa}$
Shear Adhesion Strength (Wet Condition)	$\geq 1.0 \text{ MPa}$	$\geq 1.25 \text{ MPa}$
Slip Resistance	$\geq 0.5 \text{ mm}$	0.2 -0.25 mm



GA35 – Premium Non-Slip Tile Adhesive (C2TE | T3T)

Superior Grip with Controlled Flexibility

GA35 is a premium-grade adhesive engineered for large-format tiles and vertical applications. With enhanced non-slip properties and improved deformability, it ensures safe installation and long-term durability even in moisture-prone areas.

Recommended Applications-

- Large-format vitrified tiles
- Wall cladding
- Wet areas such as bathrooms & kitchens

Key Benefits-

Strong non-slip performance

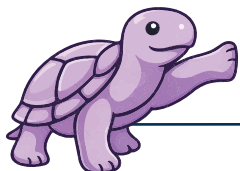
High tensile & shear strength

Better accommodation of minor substrate movement



Technical Performance Comparison-

Parameter	IS / EN Requirement (C1T / T1T)	GripMate GA15)
Tensile Adhesion Strength (Dry Condition)	≥ 1.0 MPa	1.55 MPa
Tensile Adhesion Strength (Wet Condition)	≥ 1.0 MPa	≥ 1.3 MPa
Shear Adhesion Strength (Dry Condition)	≥ 1.5 MPa	1.7 MPa
Shear Adhesion Strength (Heat Ageing)	≥ 1.0 MPa	1.4 MPa
Shear Adhesion Strength (Wet Condition)	≥ 1.0 MPa	1.4 MPa
Slip Resistance	≥ 0.5 mm	0.1 -0.15 mm
Deformability	≥ 2.5 mm (S1 Class)	~3.9 mm



GA45 Extra Flex – High Flexibility Tile Adhesive (C2TE S1 | T3T S1)

Designed to Absorb Movement. Built to Last.

GA45 Extra Flex is formulated for areas exposed to thermal stress and moderate structural movement. Its enhanced flexibility and superior bond strength make it ideal for balconies, terraces, and exterior applications.

Recommended Applications-

- Large tiles & slabs
- Balconies and terraces
- Exterior walls and floors

Key Benefits-

High flexibility to absorb stress

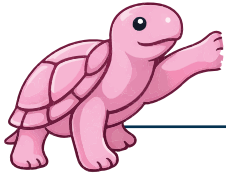
Excellent wet and heat-ageing resistance

Very low slip for vertical installations



Technical Performance Comparison-

Parameter	IS / EN Requirement (C1T / T1T)	GripMate GA15)
Tensile Adhesion Strength (Dry Condition)	≥ 1.0 MPa	≥ 1.8 MPa
Tensile Adhesion Strength (Wet Condition)	≥ 1.0 MPa	1.4 - 1.5 MPa
Shear Adhesion Strength (Dry Condition)	≥ 1.5 MPa	1.8 - 1.9 MPa
Shear Adhesion Strength (Heat Ageing)	≥ 1.0 MPa	≥ 1.5 MPa
Shear Adhesion Strength (Wet Condition)	≥ 1.0 MPa	≥ 1.5 MPa
Slip Resistance	≥ 0.5 mm	~0.1 mm
Deformability	≥ 2.5 mm (S1 Class)	~4.0 mm



GA55 Super Flex – Ultra High Performance Tile Adhesive (C2TE S2 | T4T S2)

Maximum Flexibility for Extreme Conditions

GA55 Super Flex is GripMate's highest-performance adhesive, engineered for mega slabs, façades, swimming pools, and high-movement zones. It delivers exceptional deformability and bond strength under the most demanding conditions.

Recommended Applications-

- Mega slabs & stone tiles
- Swimming pools & façades
- High-movement and extreme environments

Key Benefits-

Very high flexibility (S2 class)

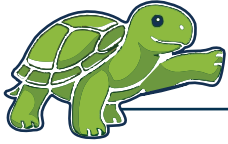
Exceptional tensile & shear strength

Designed for severe thermal and structural stress



Technical Performance Comparison-

Parameter	IS / EN Requirement (C1T / T1T)	GripMate GA15)
Tensile Adhesion Strength (Dry Condition)	≥ 1.0 MPa	≥ 2.0 MPa
Tensile Adhesion Strength (Wet Condition)	≥ 1.0 MPa	≥ 1.7 MPa
Shear Adhesion Strength (Dry Condition)	≥ 1.5 MPa	2.2 MPa
Shear Adhesion Strength (Heat Ageing)	≥ 1.0 MPa	≥ 1.8 MPa
Deformability	≥ 5.0 mm	≥ 5.2 mm
Deformability	≥ 5.0 mm (S2 Class)	≥ 5.2 mm



GRIPMATE EPOXY

High Strength Bonding | Chemical Resistance | Structural Repair Performance

Gripmate Epoxy is a three-component, high-performance epoxy bonding and repair system, engineered for applications demanding exceptional bond strength, durability, and chemical resistance. It is ideal for structural repairs and high-stress environments where conventional cementitious materials fail.

Characteristics

- Exceptional bond strength
- Stain Free
- Weather resistant
- Excellent resistance to chemicals, oils & moisture
- Shrinkage-free, crack-resistant
- Long-lasting performance in aggressive environments

Technical Snapshot

- Type: Three-component epoxy system
- Components: Resin + Hardener + Filler
- Appearance: 24 Colours
- Bond Strength: Very high
- Chemical Resistance: Excellent
- Shrinkage: Nil

Mixing Ratio

- Resin : Hardener : Filler $\geq 18 : 7 : 75$ (by weight)
- Mix thoroughly until a uniform colour and consistency is achieved
- Use mixed material within the specified pot life

Coverage (Approx.)

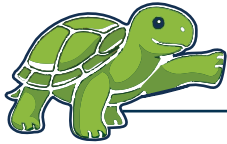
- Bond coat: 0.8 – 1.2 kg per m²
- Coverage may vary based on surface condition and method of application

Packaging

1 kg | 3 kg | 5 kg

Shelf Life : 24 Months





GRIPMATE TILE GROUT

Smooth Finish | Strong Joints | Long-Lasting Protection

Gripmate Tile Grout is a premium cementitious grout specially formulated for filling tile joints with high strength, durability, and excellent finish. It provides firm joint filling, resists cracking, and enhances the overall appearance of tiled surfaces in residential and commercial spaces.

Characteristics

- Strong, durable tile joint filling
- Smooth finish with uniform colour
- Good resistance to shrinkage & cracking
- Easy to apply & clean
- Enhances tile aesthetics & joint life

Technical Snapshot

- Type: Cementitious tile grout
- Form: Powder
- Colour: Multiple shades available
- Joint Width: Suitable for standard tile joints
- Water Resistance: Good

Mixing Ratio

- Water : Grout $\geq 0.30 - 0.35$ litres per kg
- Mix to a smooth, lump-free paste
- Allow resting time before final application

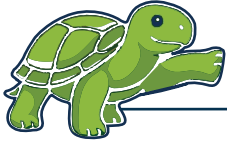
Coverage (Approx.)

- Depends on tile size, joint width & depth
- Average coverage: $0.3 - 0.5$ kg per m^2
- Coverage may vary based on site conditions

Packaging

1 kg | 5 kg packs





GRIPMATE SBR (LATEX BONDING AGENT)

Stronger Bond | Higher Durability | Better Performance

Gripmate SBR is a styrene-butadiene rubber based polymer bonding agent used to improve adhesion, strength, and water resistance of cementitious systems. It is ideal for repair works, waterproofing applications, and high-performance mortars.

Characteristics

- Excellent bonding between old & new concrete
- Improves strength & flexibility
- Reduces permeability & cracks
- Enhances abrasion & chemical resistance
- Easy to use – liquid additive

Applications

- Bond coat for concrete & plaster
- Repair mortars & patch works
- Waterproof cement slurries
- Floor toppings & screeds
- Tile adhesives & grouts

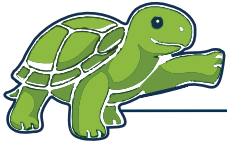
Technical Snapshot

- Type: SBR polymer latex
- Solid Content : + - 35%
- Appearance: Milky white liquid
- Compatibility: Cement & mortar mixes
- Function: Bonding + waterproofing

Packaging

1 kg | 20 kg cans





GRIPMATE SBR PLUS

Advanced Bonding | Waterproofing | Repair Performance

Gripmate SBR PLUS is a high-performance styrene-butadiene rubber polymer latex, specially formulated for superior bonding, flexibility, and water resistance in cementitious applications.

It delivers enhanced performance compared to conventional SBR.

Characteristics

- Superior bond between old & new concrete
- Higher strength & flexibility than standard SBR
- Excellent waterproofing properties
- Reduces shrinkage cracks & permeability
- Improves abrasion & chemical resistance

Applications

- Structural & non-structural concrete repairs
- Waterproof cement slurry & coatings
- Bond coats for plaster & screeds
- Floor toppings & repair mortars
- Tile adhesives & grouts

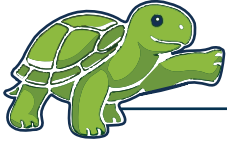
Technical Snapshot

- Type: High-performance SBR polymer latex
- Solid Content : + - 50%
- Appearance: Milky white liquid
- Compatibility: Cementitious systems
- Performance: Enhanced vs normal SBR

Packaging

1 kg | 20 kg packs





GRIPMATE BLOCK JOINTING MORTAR

Product Description

Gripmate Block Jointing Mortar is a polymer-modified, thin-bed adhesive mortar designed for strong and uniform bonding of AAC blocks, fly ash bricks, and cellular concrete blocks. It replaces conventional thick mortar, enabling faster construction, higher strength, and superior finish.

Characteristics

- Ready-to-use, just add water
- Thin joint application (1–3 mm)
- High bond strength & durability
- Reduced material consumption
- Smooth, uniform joint finish
- No curing required
- Improved water resistance

Technical Highlights

- Cementitious polymer-modified mortar
- Pot life: up to 2–3 hours
- Compressive strength: ≥ 11 MPa 28 days
- Tensile strength : ≥ 0.8 MPa 28 days
- Coverage: approx. 5–6 m² per 40 kg (3 mm thickness)

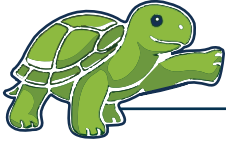
Advantages

- ✓ Faster block laying
- ✓ Cost-effective thin-bed system
- ✓ Stronger, crack-resistant joints
- ✓ Cleaner and more aesthetic masonry

Packaging & Storage

- 40 kg moisture-resistant bags





GRIPMATE READY MIX PLASTER

Product Description

Gripmate Ready Mix Plaster is a factory-controlled cement-based plaster, formulated with graded aggregates and performance additives to deliver smooth finish, high strength, and consistent quality. It eliminates on-site mixing errors and ensures faster, cleaner plastering.

Characteristics

- Ready-to-use — just add water
- Smooth, uniform surface finish
- Reduced cracks & shrinkage
- Excellent workability & coverage
- Consistent quality every batch
- Suitable for hand & machine application

Applications

- Internal & external wall plaster
- Brick, AAC & concrete surfaces
- Residential & commercial buildings

Technical Highlights

- Cementitious premix plaster
- Thickness: 6–12 mm (single coat)
- Compressive strength: ≥ 8 MPa
- Coverage: approx. 18–20 sq.ft per 40 kg (10 mm)*
- Coverage depends on surface condition.

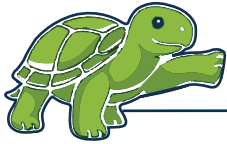
Advantages

- ✓ Faster application & reduced labour
- ✓ Minimal material wastage
- ✓ Better adhesion & durability
- ✓ Uniform finish ready for paint

Packaging & Storage

- 40 kg moisture-resistant bags





GRIPMATE XTREME PERFORMANCE GROUT

High Strength | Non-Shrink | Free Flow

Gripmate Xtreme Performance Grout is a premium cementitious, non-shrink grout designed for heavy load transfer and precision grouting applications. Ideal for machinery foundations and structural anchoring where strength and reliability are critical.

Characteristics

- Non-shrink, high-strength formulation
- Excellent flow & self-levelling
- High early & ultimate strength
- Strong bond with steel & concrete
- Durable under vibration & dynamic loads

Applications

- Machinery & base plate grouting
- Anchor bolts & foundations
- Precast elements
- Structural void filling



Technical Snapshot

Compressive strength (N/mm²)

Age (days)	Consistency	
	Flowable (W/P 0.18)	Pourable (W/P 0.165)
1	24	26
3	45	51
7	55	57
28	65	68

Compressive strength with aggregates (N/mm²) (W/P 0.18)

Age (days)	% of aggregates (IS 516 - 1959)		
	50%	75%	100%
1	28	30	32
3	50	52	55
7	60	63	68
28	70	75	78

Packaging

25 kg bags



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