

GRIP  **ON**
मजबूत पकड़



**Wall & Tile
Solution's**

Experience the GripON Quality

The GripON Product Range offers a range of Ready-Mixes, construction chemicals & Construction Materials with high quality standards & service resulting in to Happy customers.

QUALITY & STRENGTH — ASSURED —



About Us

GripON: Building tomorrow's foundations today

GripON Bharat is a 100% subsidiary of Enviiro Buildmate Pvt. Ltd., one of the major material suppliers and traders in Pune with more than 40 years of expertise in the industry. GripON specialises in delivering innovative, reliable, and sustainable products, redefining the very essence of a secure foundation in durable construction.

From Reliable cost-effective solutions to time-saving and result-oriented products, we surpass industry standards to provide exceptional value for money. We ensure that every product reflects our commitment to excellence and contributes to the success of your projects. Choose GripON, where innovation meets reliability, and together, we build a future of enduring partnerships and construction excellence.

Mission

We aim to pioneer a new era of construction materials, with products focussed on innovation that saves valuable time and resources and simplifies the construction process. We are dedicated to creating products that set a new standard for convenience, reasonably priced cost-effectiveness, and performance.

Vision

To become the premier premix company, setting the gold standard for delivering premium products at their finest.

To establish a formidable presence across the length and breadth of India in the next five years, consistently exceeding expectations in every region.

To expand globally and make a mark on the international stage within the next decade.

Belief System

Our belief system is anchored in our commitment to provide products with uncompromised performance and durability. We stand by the principle that delivering efficient and trustworthy products with unparalleled excellence minimises construction time and ensures customer satisfaction. We believe in keeping up with the fast-paced technological advancements and innovating our products to suit the evolving needs.



Quality



Trust



Commitment

GripON – Tile Adhesive 0027 is polymer modified cement based construction adhesive needs to be mixed with water for installation of ceramic tiles on wall and floor.



Packaging Size: 20Kg Bag

Areas of Application

- It is recommended for ceramic tile on floors, wall and internal application. It is used for tile-on-tile application.

Features & Benefits

- Ready to mix just need to add water
- Excellent adhesion and low shrinkage
- Self- curing property
- Extended open time
- Water resistant
- Quick mixing, convenient to use.
- Low VOC - for Healthy living.
- Complies with ISO/EN C1T classification

Technical Specification

| | |
|---------------------------|--|
| Appearance | Cement Grey Powder |
| Water powder ratio | 24 - 27 % |
| Open time | 10-15 Minutes |
| Adjustment Time | 10-15 Minutes |
| Pot life | Approx. 80-90 Minutes |
| Coverage | 22-25 Sq.ft / 20 Kg Bag at 6 mm thickness 50-55 Sq.ft / 20 Kg Bag at 3 mm thickness |
| Foot Trafficable | 24 hrs. |
| Applicable standard | ISO 13007/EN 12004/ IS15477, C1T Adhesive |
| Tensile adhesion strength | ≥ 0.5 Mpa @ 28 days |



TILE ADHESIVE 2700



GripON – Tile Adhesive 2700 is polymer modified cement based construction adhesive needs to be mixed with water for installation of ceramic tiles, vitrified tiles on interior floors, wall and external floor area.

Areas of Application

- **GripON – Tile Adhesive 2700** is ideal for internal wall & external floor installations of all types of Ceramic tile, vitrified tiles. It is recommended to be used over cementitious substrate and for tile-on-tile applications. Can be used up to a maximum 12 mm bed thickness

Packaging Size: 20 / 40Kg Bag

Features & Benefits

- Interior application, polymer modified
- Single Component, just add water
- High slip resistance
- Low VOC - for Healthy living.
- Water resistant
- Extended open time
- Enhance durability
- Complies with EN/ISO with a C1TE Classification
- Self-Curing property
- Complies with IS 15477:2019 - Type 2 T

Technical Specification

| | |
|---------------------------|--|
| Appearance | Cement Grey Powder |
| Water powder ratio | 26 - 28 % |
| Open time | 15-20 Minutes |
| Adjustment Time | 20-25 Minutes |
| Pot life | 80-90 Minutes |
| Coverage | 22-25 Sq.ft / 20 Kg Bag at 6 mm thickness 50-55 Sq.ft / 20 Kg Bag at 3 mm thickness |
| Foot Trafficable | 24 hrs. |
| Applicable standard | ISO 13007/EN 12004/ IS15477, C1TE Adhesive |
| Tensile adhesion strength | ≥ 0.5 Mpa @ 28 days |

GripON – Tile Adhesive 2727 is a highly polymer modified tile adhesive specially formulated for the installation of large format vitrified, porcelain, marble, granite & natural stone with low water absorption rate for both vertical and horizontal application on internal as well as external use. Its recommended to be used over cementitious substrate and for tile on- tile applications.



Packaging Size: 40 Kg Bag

Areas of Application

- GripON – Tile Adhesive 2727 is ideal for interior & exterior floor & wall installation of all types of ceramic tile, vitrified tile glass mosaic tile, natural stones over concrete & granite on a variety of substrate can be used upto a maximum of 12 mm bed thickness.

Features & Benefits

- Excellent adhesion to various substrate
- Single Component, just add water
- High strength, polymer modified
- Enhance durability
- Low VOC - for Healthy living
- High slip resistance
- Self-Curing
- Extended open time
- Complies IS 15477:2019 -Type 3 T
- Complies with EN/ISO with a C2TE Classification

Technical Specification

| | |
|---------------------------|--|
| Appearance | Cement Grey Powder |
| Water powder ratio | 27 - 29 % |
| Open time | 15-20 Minutes |
| Adjustment Time | 20-25 Minutes |
| Pot life | 80-90 Minutes |
| Coverage | 22-25 Sq.ft / 20 Kg Bag at 6 mm thickness 50-55 Sq.ft / 20 Kg Bag at 3 mm thickness |
| Foot Trafficable | 24 hrs. |
| Applicable standard | ISO 13007/EN 12004/ IS15477, C2TE Adhesive |
| Tensile adhesion strength | ≥ 1 Mpa @ 28 days |



**READY
MIX PLASTER**

GripON – Ready Mix Plaster is a premixed cementitious based material with additives & fibers to substitute conventional site mix plaster. Due to its high content of additives it allows better shrinkage control as well as improved workability.



Packaging Size: 40 Kg Bag

Areas of Application

- GripON – Ready Mix Plaster is recommended for external & internal plastering on AAC blocks, Fly ash Bricks, Ceiling, and Concrete Surface. Highly recommended for well- prepared walls requiring thickness of plaster up to 12 - 15 mm in single layer.

Features & Benefits

- Replacement to conventional plaster
- Well graded silt free sand
- Lesser curing than conventional plaster
- Minimal wastage
- Lesser rebound loss than conventional plaster
- Clean & speedy work
- Fibre for crack resistance & durability

Technical Specification

| | |
|----------------------|---|
| Appearance | Cement Grey Powder |
| Grain Size | Upto 2.5mm |
| Mixing Ratio | 6 to 7 lit per 40 kg bag |
| Shelf Life | 6 months pack sealed and stored in Dry conditions |
| Compressive strength | ≥ 6 Mpa @ 28 days |
| Pull off Adhesion | ≥ 0.3 Mpa |
| Coverage | 10 - 12 Sq.ft./ 40kg Bag @ 20-22mm Thickness |
| | 16 - 18 Sq.ft./ 40kg Bag @ 10-12mm Thickness |

GripON - AAC Blocks are light weight blocks are used for residential, commercial and industrial buildings. AAC Blocks has gained popularity as green building material, is fire resistant and has good thermal insulation, solid structure and is easy to work with. AAC Blocks are viable replacement for conventional red clay bricks.



Areas of Application

- Residential Buildings
- Commercial Buildings
- Industrial Buildings

Features & Benefits

- Highly Cost Effective
- Saves Material
- Light Weight
- Excellent Thermal Insulation Properties
- Environment Friendly
- Water & Earth Quake Resistant
- Available In All Sizes
- Easy Transportation
- Saves Labour, Time & Material
- Saves Carpet Area
- Termite Resistant

Available Size:

| Sizes L x H x W | Volume in CBM | No. Of Blocks (Per CBM) | Face Area (Per Block In Sq. Ft) |
|-----------------|---------------|-------------------------|---------------------------------|
| 600 x 200 x 100 | 0.012 | 83.33 | 1.29 |
| 600 x 200 x 125 | 0.015 | 66.67 | 1.29 |
| 600 x 200 x 150 | 0.018 | 55.56 | 1.29 |
| 600 x 200 x 200 | 0.024 | 41.67 | 1.29 |
| 600 x 200 x 225 | 0.027 | 37.04 | 1.29 |
| 600 x 200 x 230 | 0.0276 | 36.23 | 1.29 |
| 625 x 240 x 100 | 0.015 | 66.67 | 1.61 |
| 625 x 240 x 125 | 0.01875 | 53.33 | 1.61 |
| 625 x 240 x 150 | 0.0225 | 44.44 | 1.61 |
| 625 x 240 x 200 | 0.03 | 33.33 | 1.61 |
| 625 x 240 x 225 | 0.03375 | 29.63 | 1.61 |
| 625 x 240 x 230 | 0.0345 | 28.98 | 1.61 |

Areas of Application

| Particulars | Units | Values |
|--|----------------------|---------------------------------|
| Size | mm | 600 x 200 / 625 x 240 |
| Thickness | mm | 100 - 230 |
| Size Tolerance | mm | +/- 3 |
| Compressive Strengths | N/mm ² | > 4 |
| Oven Dry Density | Kg/m ³ | 550 - 650 |
| Fire Resistance | Hrs | 2 to 6 (For 200 mm thick wall) |
| Thermal Conductivity | W/m-k | 0.24 |
| Sound Reduction | Db | 37 – 42 |
| Modules Of Elasticity | Mpa | 2040 |
| Thermal Resistance [®] Value) | M ² - K/w | 0.46 |
| Dry Shrinkage | % | 0.04 |
| Sound Transmission Class Rating | Db | 44 |

GripON AAC Blocks VS Clay Bricks

| Particulars | AAC Block | Clay Bricks |
|--------------------------------|---|--|
| Size (Lx H x B) | 600mm x 200mm x 75mm-300mm | 225mm x 75mm x 95mm |
| Precision in size | Variation ±2mm | Variation ±5mm to 10 mm |
| Compressive Strength | 4 - 5 N/mm ² (As per IS:2185 part III) | 2.5-3.0 N/mm ² |
| Dry Density | 550-650 kg/m ³ (Oven Dry) | 1800 kg/ m ³ |
| Fire Resistance | 2 to 6 Hours depending on thickness | 2 Hours |
| Sound Reduction index 1 (dB) | 45 for 200 mm thick wall | 50 for 230 mm thick wall |
| Thermal Conductivity (W/m.K) | 0.16 | 0.81 |
| Mortar Consumption M3 with 1:6 | 0.5 bag of Cement | 1.35 bag of Cement |
| Chemical Composition | Fly ash used around 70% which reacts with binders (Lime & Cement) to form AAC | Soil is used which contains many inorganic impurities like sulphates etc. resulting in efflorescence |
| Finishing | Can be directly cut or shaped/ sculptured | Not possible |
| Contribution to carpet area | 3 - 5% | No Contribution |
| Energy saving | Up to 30% of Air conditioning load reduction | No Energy Saving |
| Cost benefit Factor | Saving up to 30% Sand, Cement, Labour of Construction cost | No Cost Benefit |
| Surface Texture | Rough Texture on both side helps adhere plaster easily & uniformly | Highly uneven surface resulting in higher thickness of plaster. |



BLOCK ADHESIVE

GripON – Block Adhesive, is thin bed high strength, pre mixed, quality assured mortar comprising of Ordinary Portland cement, specially graded sand and special polymers. It is specially formulated and easily applied giving a better bonding with AAC Blocks, hollow blocks, fly-ash bricks.



Packaging Size: 20 / 40Kg Bag

Areas of Application

- AAC Blocks
- Fly ash bricks
- Cement block
- Hollow blocks
- Joining of concrete windows and door frames etc.
- Cellular concrete blocks

Features & Benefits

- Pre-mixed High Quality ready to use, only need to add water at site
- High bonding strength due to polymer modification of Mortar
- Thin bed joints
- High water retention capability
- Self-curing property
- No shrinkage cracks at joints
- High cost effective

Coverage / 40Kg: 150-160 sqft. For block thickness of 100 mm

Technical Specification

| | |
|---------------------------|--|
| Appearance | Free flow Grey Powder |
| Density of Powder | 1.5 to 1.6 gm/cc |
| Pot Life of Paste | 80 to 90 Minutes |
| Open Time | 20 - 30 Minutes |
| Tensile Adhesion Strength | ≥0.40 Mpa on AAC Block after 28 days as per ASTM C 1660-09 |
| Compressive Tests | @ 28 days ≥ 7 Mpa as per IS 2250 |

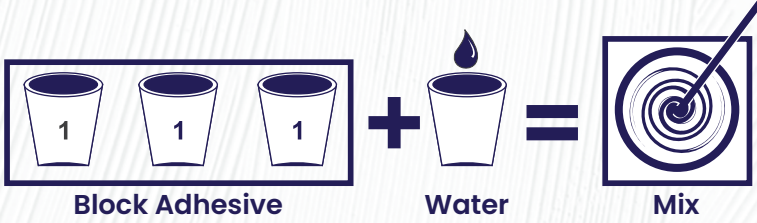
Application Guidelines

SURFACE PREPARATION

Always clean the surface before application to remove any loose particles or dust. Wet the blocks before the application.

MIXING AND USAGE

Gradually add approximately 3 part of block adhesive to 1 part of clean water. Always add Powder to water.



- Mixing can be done manually or by stirrer.
- Mixing to be done till homogenous lump free mix is obtained.
- After proper mixing, wait for 5-10 minutes for polymeric dispersion before application.
- Do not add water to the already mixed adhesive slurry to extend the pot life.



दरार
प्रतिरोधक



सर्वोत्तम
क्वालिटी



अधिक
मजबूती





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