

HOMESURE  
**TILE** **EX**™  
Tile Expert

**4** इक्को का  
पॉवर पैक टाईल  
सॉल्यूशन





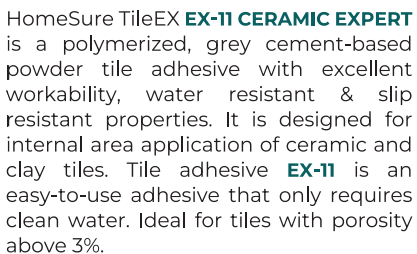
**SUBSTRATE**

- Cement base

**APPLICATION AREA**

- Interior floor & wall

- Interior floor & wall



50-60 Sq. ft./ Bag(20 Kg) at 3 mm thickness on plain surface (or depending on substrate conditions). Minimum-Maximum thickness 3-12 mm.

## No Hacking Required



|                |                      |
|----------------|----------------------|
| OPEN TIME      | : 10 minutes         |
| ADJUSTABILITY  | : 10 minutes         |
| SLIP RESISTANT | : < 0.5 mm           |
| POT LIFE       | : 120 minutes approx |
| DENSITY        | : 1.5 -1.9 g/ml      |

DRY CONDITION Minimum 1 N/mm<sup>2</sup>



## EX - 22 VITRIFIED EXPERT

### SUBSTRATE

- Cement base

### APPLICATION AREA

- Interior floor & wall
- Exterior floor only



HomeSure TileEX **EX-22 VITRIFIED EXPERT** is a polymerized, grey cement-based powder tile adhesive with excellent workability, water resistant & slip resistant properties. It is designed for vitrified and semi vitrified tiles on interior wall and floor as well as for exterior floor application only. Tile adhesive **EX-22** is an easy-to-use adhesive that only requires clean water. Ideal for tiles with porosity less than 3%.

#### COMPOSITION

- Graded Sand • Cement • Selected Fillers • Polymers

#### COVERAGE

50-60 Sq. ft./ Bag(20 Kg) at 3 mm thickness on plain surface (or depending on substrate conditions). Minimum-Maximum thickness 3-12 mm.

### FEATURES



**Water Resistant**



**Durable & Long Lasting**



**Strong Bond**



**No Hacking Required**



### TECHNICAL DATA

| PARAMETERS     | SPECIFICATIONS       |
|----------------|----------------------|
| OPEN TIME      | : 15 minutes         |
| ADJUSTABILITY  | : 15 minutes         |
| SLIP RESISTANT | : < 0.5 mm           |
| POT LIFE       | : 120 minutes approx |
| DENSITY        | : 1.5 -1.9 g/ml      |

### MECHANICAL PROPERTIES

#### TENSILE ADHESION STRENGTH (After 28 days)

|               |                               |
|---------------|-------------------------------|
| DRY CONDITION | Minimum 1.0 N/mm <sup>2</sup> |
| WET CONDITION | Minimum 1.0 N/mm <sup>2</sup> |

#### SHEAR ADHESION STRENGTH (After 28 days)

|                      |                                |
|----------------------|--------------------------------|
| DRY CONDITION        | Minimum 1.25 N/mm <sup>2</sup> |
| HEAT AGING CONDITION | Minimum 1.0 N/mm <sup>2</sup>  |
| WET CONDITION        | Minimum 1.0 N/mm <sup>2</sup>  |



## EX-G 33 STONE & GLASS EXPERT

### SUBSTRATE

- Cement base

### APPLICATION AREA

- Interior floor & wall
- Exterior floor only



HomeSure TileEX **EX-G 33 (GREY)** is a highly polymer enriched Portland cement based tile adhesive applicable for fixing all kinds of vitrified tiles, glass mosaic tiles, all types of natural stones, granite & dense, large dimension tiles & slabs. It is mainly suitable for tiles with an apparent porosity less than or equal to 3%. More demanding for wet & sub merged area.

HomeSure TileEX **EX-G 33** consisting of cement, graded sand and specialised polymers is made to have some unique properties, like high bond strength water retention, superior workability that can be useful for working in all types of internal wall and floor areas also on all types of external floor area.

### COVERAGE

50-60 Sq. ft./ Bag(20 Kg) at 3 mm thickness on plain surface (Or depending on substrate conditions).

### FEATURES

-  **Water Resistant**
-  **Durable & Long Lasting**
-  **No Shrinkage**
-  **No Curing Required**



### TECHNICAL DATA

| PARAMETERS     | SPECIFICATIONS       |
|----------------|----------------------|
| OPEN TIME      | : 20 Minutes         |
| ADJUSTIBILITY  | : 20 Minutes         |
| SLIP RESISTANT | : < 0.5 Mm           |
| POT LIFE       | : 120 Minutes approx |
| DENSITY        | : 1.5 -1.9 g/ml      |

### MECHANICAL PROPERTIES

| TENSILE ADHESION STRENGTH (After 28 Days) |                                |
|-------------------------------------------|--------------------------------|
| DRY CONDITION                             | Minimum 1.0 N/mm <sup>2</sup>  |
| WET CONDITION                             | Minimum 1.0 N/mm <sup>2</sup>  |
| SHEAR ADHESION STRENGTH (After 28 Days)   |                                |
| DRY CONDITION                             | Minimum 1.25 N/mm <sup>2</sup> |
| HEAT AGING CONDITION                      | Minimum 1.0 N/mm <sup>2</sup>  |
| WET CONDITION                             | Minimum 1.0 N/mm <sup>2</sup>  |



## EX - 33 STONE & GLASS EXPERT

### SUBSTRATE

- Cement base

### APPLICATION AREA

- Interior floor & wall
- Exterior floor only



HomeSure TileEX **EX-33 STONE & GLASS EXPERT** is a polymerized, white cement-based powder tile adhesive with excellent workability, water resistant & slip resistant properties. This product is highly utilized for wet and submerged areas. It is suitable for vitrified tiles and natural stone in interior wall & floor applications as well as exterior floor application only. Tile adhesive **EX-33** is an easy-to-use adhesive that only requires clean water. Ideal for tiles with porosity less than 3%.

#### COMPOSITION

- Graded Sand • Cement • Selected Fillers
- Polymers

#### COVERAGE

50-60 Sq. ft./ Bag(20 Kg) at 3 mm thickness on plain surface (or depending on substrate conditions). Minimum-Maximum thickness 3-12 mm.

### FEATURES

-  **Water Resistant**
-  **Durable & Long Lasting**
-  **Strong Bond**
-  **No Hacking Required**



### TECHNICAL DATA

| PARAMETERS     | SPECIFICATIONS       |
|----------------|----------------------|
| OPEN TIME      | : 20 minutes         |
| ADJUSTABILITY  | : 20 minutes         |
| SLIP RESISTANT | : < 0.5 mm           |
| POT LIFE       | : 120 Minutes approx |
| DENSITY        | : 1.5 -1.9 g/ml      |

### MECHANICAL PROPERTIES

#### TENSILE ADHESION STRENGTH (After 28 days)

|               |                               |
|---------------|-------------------------------|
| DRY CONDITION | Minimum 1.0 N/mm <sup>2</sup> |
| WET CONDITION | Minimum 1.0 N/mm <sup>2</sup> |

#### SHEAR ADHESION STRENGTH (After 28 days)

|                      |                                |
|----------------------|--------------------------------|
| DRY CONDITION        | Minimum 1.25 N/mm <sup>2</sup> |
| HEAT AGING CONDITION | Minimum 1.0 N/mm <sup>2</sup>  |
| WET CONDITION        | Minimum 1.0 N/mm <sup>2</sup>  |



## EX-44 EXTERNAL EXPERT



### SUBSTRATE

- Cement base

### APPLICATION AREA

- Interior / Exterior floor & wall



HomeSure TileEX **EX-44 EXTERNAL EXPERT** is a polymerized, grey cement-based powder tile adhesive with excellent workability, water resistant, slip resistant and extended open time properties. It can be used in wet, internal and external areas. It is suitable for all types of tiles and all natural stone. Tile adhesive **EX-44** is an easy-to-use adhesive that only requires clean water. Ideal for tiles with porosity less than 3%.

### COMPOSITION

- Graded Sand • Cement • Selected Fillers
- Polymers

### COVERAGE

50-60 Sq. ft./ Bag(20 Kg) at 3 mm thickness on plain surface (or depending on substrate conditions). Minimum- Maximum thickness 3-12 mm.

### FEATURES



**Water Resistant**



**Durable & Long Lasting**



**Strong Bond**



**No Hacking Required**

### TECHNICAL DATA

| PARAMETERS     | SPECIFICATIONS       |
|----------------|----------------------|
| OPEN TIME      | : 35 minutes         |
| ADJUSTABILITY  | : 35 minutes         |
| SLIP RESISTANT | : < 0.5 mm           |
| POT LIFE       | : 120 Minutes approx |
| DENSITY        | : 1.5 -1.9 g/ml      |

### MECHANICAL PROPERTIES

#### TENSILE ADHESION STRENGTH (After 28 days)

|               |                               |
|---------------|-------------------------------|
| DRY CONDITION | Minimum 1.5 N/mm <sup>2</sup> |
| WET CONDITION | Minimum 1.0 N/mm <sup>2</sup> |

#### SHEAR ADHESION STRENGTH (After 28 days)

|                      |                               |
|----------------------|-------------------------------|
| DRY CONDITION        | Minimum 1.5 N/mm <sup>2</sup> |
| HEAT AGING CONDITION | Minimum 1.0 N/mm <sup>2</sup> |
| WET CONDITION        | Minimum 1.0 N/mm <sup>2</sup> |

#### DEFORMABILITY (After 28 days)

|                          |                     |
|--------------------------|---------------------|
| DEFORMABLE ADHESIVE (S1) | ≥ 2.5 mm - < 5.0 mm |
|--------------------------|---------------------|





## EX - 55 ALL TILE EXPERT

### SUBSTRATE

- Cement base
- Plywood
- Gypsum boards
- Fibre cement boards

### APPLICATION AREA

- All Tile on Tile applications
- Interior & exterior floor & wall applications



HomeSure TileEX **EX-55 ALL TILE EXPERT** is a polymerized, white cement-based powder tile adhesive with excellent workability, water resistant, slip resistant and extended open time properties. It can be used in wet, internal and external areas and in commercial areas and workshops. It is suitable for all types of tiles and stone tiles on drywall board substrates. Tile adhesive **EX-55** is an easy-to-use adhesive that only requires clean water. Ideal for tiles with porosity less than 3%.

#### COMPOSITION

- Graded Sand • Cement • Selected Fillers
- Polymers

#### COVERAGE

50-60 Sq. ft./ Bag(20 Kg) at 3 mm thickness on plain surface (or depending on substrate conditions). Minimum- Maximum thickness 3-12 mm.

### FEATURES



**Water Resistant**



**Durable & Long Lasting**



**Strong Bond**



**No Hacking Required**



### TECHNICAL DATA

| PARAMETERS | SPECIFICATIONS |
|------------|----------------|
|------------|----------------|

|                |                      |
|----------------|----------------------|
| OPEN TIME      | : 35 minutes         |
| ADJUSTABILITY  | : 35 minutes         |
| SLIP RESISTANT | : < 0.5 mm           |
| POT LIFE       | : 120 Minutes approx |
| DENSITY        | : 1.5 -1.9 g/ml      |

### MECHANICAL PROPERTIES

#### TENSILE ADHESION STRENGTH (After 28 days)

|               |                               |
|---------------|-------------------------------|
| DRY CONDITION | Minimum 1.5 N/mm <sup>2</sup> |
| WET CONDITION | Minimum 1.0 N/mm <sup>2</sup> |

#### SHEAR ADHESION STRENGTH (After 28 days)

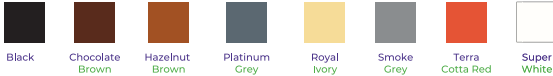
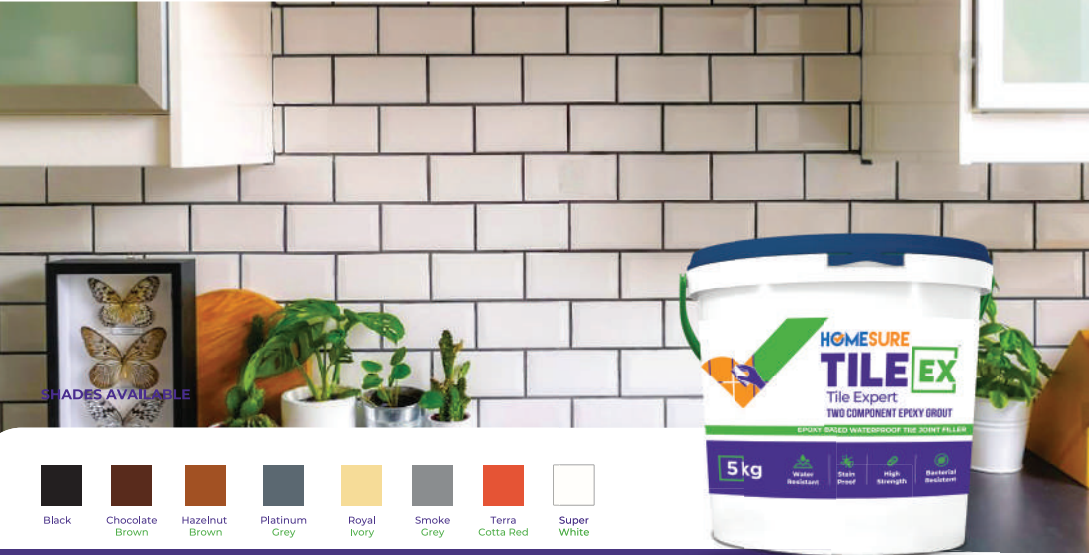
|                      |                               |
|----------------------|-------------------------------|
| DRY CONDITION        | Minimum 1.5 N/mm <sup>2</sup> |
| HEAT AGING CONDITION | Minimum 1.0 N/mm <sup>2</sup> |
| WET CONDITION        | Minimum 1.0 N/mm <sup>2</sup> |

#### DEFORMABILITY (After 28 days)

|                          |                     |
|--------------------------|---------------------|
| DEFORMABLE ADHESIVE (S1) | ≥ 2.5 mm - < 5.0 mm |
|--------------------------|---------------------|



## TWO COMPONENT EPOXY GROUT



HomeSure TileEX **TWO COMPONENT EPOXY GROUT** is Low VOC Epoxy Tile Grout. It is two component system, the resin blended with selected fine fillers and the hardener. It is supplied in pre-weight quantities, ready for on-site mixing and use. HomeSure **TileEX Grout** is Stain Free, Chemical Resistant & High Performance Epoxy Grout.

### COVERAGE

- Consumption of HomeSure TileEx Epoxy Grout is dependent on the substrate, surface profile, roughness, size of the tiles, the joints between them and wastage during application.
- Coverage of HomeSure TileEx Epoxy Grout can be calculated theoretically through the following formula:  $\text{Coverage (kg/m}^2\text{)} = 1.6 \times (\text{Tile thickness} \times \text{Joint width}) \times [(\text{Tile length} + \text{Tile width}) / (\text{Tile length} \times \text{Tile width})]$

| Dimension of Tile (mm) |       |                   | Joint Width/Joint Gap (mm) |      |      |
|------------------------|-------|-------------------|----------------------------|------|------|
| Length                 | Width | Thickness/ Height | 2                          | 6    | 12   |
| 100                    | 100   | 3                 | 0.19                       | 0.58 | 1.15 |
| 200                    | 300   | 6                 | 0.16                       | 0.48 | 0.96 |
| 450                    | 600   | 8                 | 0.12                       | 0.37 | 0.75 |
| 600                    | 600   | 10                | 0.09                       | 0.26 | 0.51 |
| 1800                   | 1200  | 12                | 0.05                       | 0.16 | 0.32 |

**Note:** The values mentioned in table are only indicative & can be used for calculating approximate consumption of the material.

### TECHNICAL DATA

| PARAMETERS             | SPECIFICATIONS                                                                          |
|------------------------|-----------------------------------------------------------------------------------------|
| Nature                 | : Epoxy 2 component tile grout<br>Part A: Base (Colored Resin paste) & Part B: Hardener |
| Mixing Ratio by Weight | : Base : Hardener = 90 : 10                                                             |
| Setting Time           | : 24 hours @ 30°C                                                                       |
| Foot traffic           | : 24 hours                                                                              |
| Heavy Traffic          | : 72 hours                                                                              |

| PARAMETERS                          | SPECIFICATIONS              |
|-------------------------------------|-----------------------------|
| Full curing, in days (minimum)      | : 7 Days                    |
| Compressive strength in MPa         | : 30 Minimum                |
| Adhesion strength in MPa, (minimum) | : 2.0 (or Concrete failure) |
| Flexural strength in MPa            | : >10                       |
| Shrinkage                           | : Negligible                |

### FEATURES

- Water Resistant**
- Stain Free**
- High Strength**
- Bacterial Resistant**



## CEMENTITIOUS TILE GROUT



HomeSure TileEX **Unsanded Grout** is a polymer-modified, cement-based grout with selected fillers, designed for filling tile joints up to 5 mm. It offers low shrinkage, excellent adhesion, and good workability.

### COMPOSITION

Cement, Polymers, Selected fillers and Pigments

### COVERAGE

- The consumption of tile grout depends on factors such as the substrate, surface profile, roughness, tile size, joint width, and wastage during application.
- The coverage of grout can be theoretically calculated using the following formula: Coverage (kg/m<sup>2</sup>) = (2.0 x Tile thickness x Joint width) x [(Tile length + Tile width) / (Tile length x Tile width)]

### FEATURES



**Excellent Adhesion**



**Good Workability**



**Smooth Application**



**Low Shrinkage**

### DIMENSION OF TILE (MM)

| Length | Width | Thickness/ Height |
|--------|-------|-------------------|
| 100    | 100   | 3                 |
| 200    | 300   | 6                 |
| 450    | 600   | 8                 |
| 600    | 600   | 10                |

### JOINT WIDTH/ JOINT GAP (MM)

| 3    | 4    | 5    |
|------|------|------|
| 0.36 | 0.48 | 0.60 |
| 0.3  | 0.40 | 0.50 |
| 0.23 | 0.31 | 0.39 |
| 0.16 | 0.21 | 0.27 |

### TECHNICAL DATA

#### PARAMETERS

#### SPECIFICATIONS

|                                   |                       |
|-----------------------------------|-----------------------|
| NATURE                            | : Free flowing powder |
| WATER DEMAND                      | : 30-35 %             |
| SETTING TIME                      | : 24 hours @ 27°C     |
| ADHESION STRENGTH IN MPA, MINIMUM | : ≥0.5                |
| SHRINKAGE                         | : low                 |

### NOTE

The values mentioned in the table are indicative only and should be used for estimating approximate material consumption.



## TILE CLEANER



### APPLICATION AREA

- Cleaning of marble tiles, granites, platform, bathroom, toilets, all internal & external tiles
- It is mainly used in domestic and commercial tile cleaning.



HomeSure TileEX **Tile Cleaner** is a multipurpose, high-performance cleaning liquid formulated for acid-resistant tiled floors and walls. It is designed to remove cement residue from tiles and can also be used for regular cleaning of tiles, bathtubs, and wash basins, provided the surfaces are resistant to acid.

### SHELF LIFE & STORAGE INSTRUCTIONS

- 12 months from the date of manufacturing when stored in unopened, original sealed and dry condition at a temperature range from 10°C to 40°C
- Store in dry and well-ventilated place, away from heat source or direct sunlight.
- Avoid using partially used material; open drums with partially used material should be kept in a drum with its mouth closed.

### FEATURES



**Easy to Use**



**Removes Stain**



**Long Lasting Tile Beauty**

### GUIDANCE FOR USE

- For mild or easy stains pour a cap full of tile cleaner in 1 litre of bucket filled with water.
- Mix it properly and clean the surface with a soft cloth.
- For hard stains pour the tile cleaner onto the affected surface for 3 to 4 hours and wash it off with a dampen cloth.

### TECHNICAL DATA

#### PARAMETERS

#### SPECIFICATIONS

|                          |                      |
|--------------------------|----------------------|
| APPEARANCE               | : Clear Red Liquid   |
| SPECIFIC GRAVITY AT 27°C | : 1.01 ± 0.02        |
| DILUTION                 | : As per requirement |
| VISCOSITY                | : <50 cps @25oc      |



HOMESURE  
**TILEEX**  
Tile Expert

## HOMESURE RANGE OF EXPERTS



**HOMESURE** Ghar Banaye Khaas, Dilaaye Vishwaas!



# 4 इक्को का पॉवर पैक टाईल सॉल्यूशन



## अपने जगह की शान



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