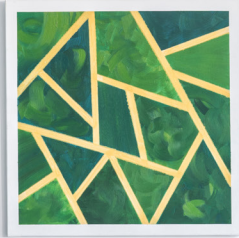


HOMESURE  
**TILE** **EX**<sup>®</sup>  
Tile Expert





**EX - 11 CERAMICS EXPERT**



**SUBSTRATE**

- Cement based backgrounds
- Interior dry area applications



HomeSure TileEX EX-11 CERAMIC EXPERT is a cement- based powder Tile adhesive that gives better quality strength. This product is designed for internal dry area ceramic and clay tile applications. Tile Adhesive Ex-11 is an easy-to-use, general purpose adhesive that only requires clean water. Ideal for tiles with porosity above 3%.

**COVERAGE**  
2 - 3 Sq. Ft./ 1 kg at 3 mm thickness on plain surface (or Depending on substrate conditions)

**COMPOSITION**  
• Graded Sand • Cement • Selected Fillers • Polymers

**FEATURES**

- Consistent Work Quality**
- Increase Productivity**
- Cost - Effective**

**IS 15477:2019 - Type 1**

**TECHNICAL DATA**

PARAMETERS	SPECIFICATIONS
SPREADABILITY	: Spread easily with good notchability
OPEN TIME	: > 5 minutes
ADJUSTABILITY	: > 5 minutes
SLIP RESISTANCE	: < 0.5 mm
POT LIFE	: > 30 minutes approx
DENSITY	: 1.5 -1.9 g/ml

**MECHANICAL PROPERTIES**

<b>TENSILE ADHESION STRENGTH (After 28 days)</b>	
DRY CONDITION	Minimum 0.5 N/mm <sup>2</sup>
<b>SHEAR ADHESION STRENGTH (After 28 days)</b>	
DRY CONDITION	Minimum 1 N/mm <sup>2</sup>



**EX - 22** VITRIFIED EXPERT



**SUBSTRATE**

- Cement based backgrounds
- Interior Floor & Wall application



**HomeSure TileEX EX-22 VITRIFIED EXPERT** is polymer modified, grey cement-based tile adhesive suitable for fixing tiles with less than 3% porosity, like vitrified, semi-vitrified tiles on walls and floor in interior situations. Tile Adhesive Ex-22 is cementitious material in the powder form composed of cement, sand, polymer which needs on site addition of water to make a mortar which is used for fixing tiles over any cementitious surface.

**FEATURES**

- Save Time**
- No Shrinkage**
- Highly Water Resistant**

**IS 15477:2019 - Type 2**

**COVERAGE**

2 - 3 Sq. Ft./ 1 kg at 3 mm thickness on plain surface (or Depending on substrate conditions)

**COMPOSITION**

- Graded Sand • Cement • Selected Fillers • Polymers

**TECHNICAL DATA**

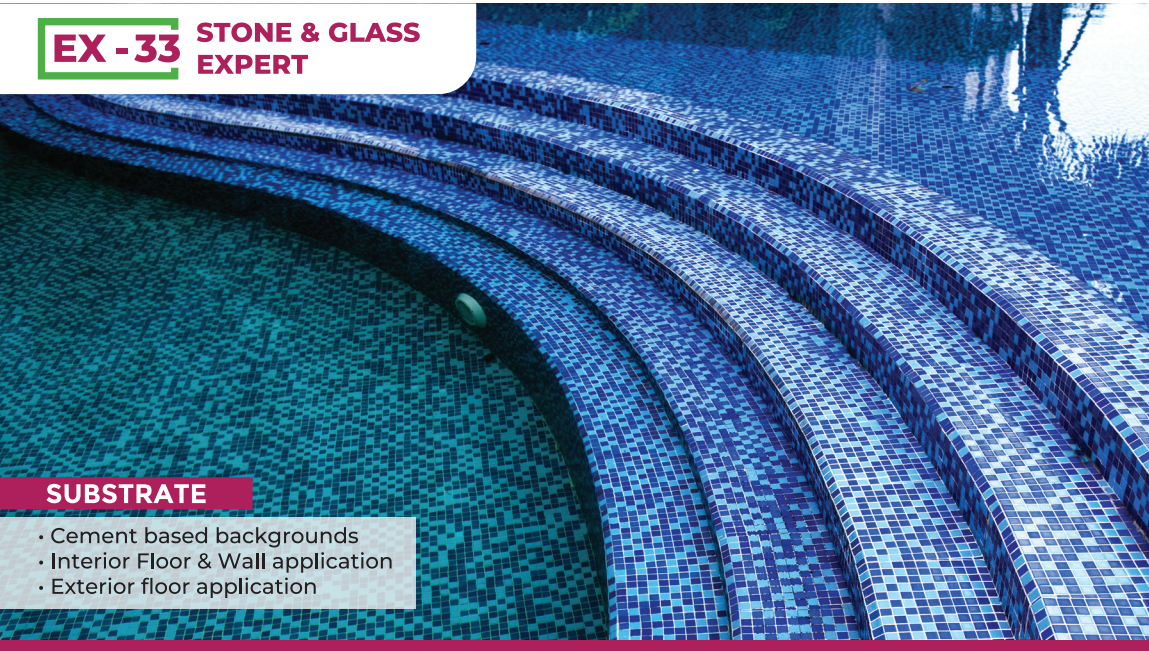
PARAMETERS	SPECIFICATIONS
SPREADABILITY	: Spread easily with good notchability
OPEN TIME	: > 5 minutes
ADJUSTABILITY	: > 5 minutes
SLIP RESISTANCE	: < 0.5 mm
POT LIFE	: > 30 minutes approx
DENSITY	: 1.5 -1.9 g/ml

**MECHANICAL PROPERTIES**

<b>TENSILE ADHESION STRENGTH (After 28 days)</b>	
DRY CONDITION	Minimum 1.0 N/mm <sup>2</sup>
WET CONDITION	Minimum 1.0 N/mm <sup>2</sup>
<b>SHEAR ADHESION STRENGTH (After 28 days)</b>	
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 based backgrounds
- Interior Floor & Wall application
- Exterior floor application



HomeSure TileEX **EX-33 STONE & GLASS EXPERT** is high polymer, portland white cement-based tile adhesive. This adhesive is more demanding for wet areas, submerged areas and so on. It contains cement, sand and specialized polymers that combine to give high bond strength, water retention, excellent workability and distinctive qualities. Suitable for Vitrified Tile and Natural Stone.

**FEATURES**

- Consistent Work Quality**
- High Durability**
- Increase Productivity**

**IS 15477:2019 - Type 2**

**COVERAGE**

2 - 3 Sq. Ft./ 1 kg at 3 mm thickness on plain surface (or Depending on substrate conditions)

**COMPOSITION**

- Graded Sand • Cement • Selected Fillers • Polymers

**TECHNICAL DATA**

PARAMETERS	SPECIFICATIONS
SPREADABILITY	: Spread easily with good notchability
OPEN TIME	: > 5 minutes
ADJUSTABILITY	: > 5 minutes
SLIP RESISTANCE	: < 0.5 mm
POT LIFE	: > 30 minutes approx
DENSITY	: 1.5 -1.9 g/ml

**MECHANICAL PROPERTIES**

<b>TENSILE ADHESION STRENGTH (After 28 days)</b>	
DRY CONDITION	Minimum 1.0 N/mm <sup>2</sup>
WET CONDITION	Minimum 1.0 N/mm <sup>2</sup>
<b>SHEAR ADHESION STRENGTH (After 28 days)</b>	
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 based backgrounds
- Interior & exterior Floor & Wall application



HomeSure TileEX **EX-44 EXTERNAL EXPERT** is a polymerized, cement-based grey adhesive with water resistant, slip-resistant, flexible and extended open time properties. it can also be used in wet, internal and external areas, it is suitable for all types of tiles and all-natural stone.

**COVERAGE**  
2 - 3 Sq. Ft./ 1 kg at 3 mm thickness on plain surface (or Depending on substrate conditions)

**COMPOSITION**  
• Graded Sand • Cement • Selected Fillers • Polymers

**FEATURES**

- Enhanced Workability**
- Excellent Bonding & Tensile**
- Highly Water Resistant**

**IS 15477:2019 - Type 3**

**TECHNICAL DATA**

PARAMETERS	SPECIFICATIONS
SPREADABILITY	: Spread easily with good notchability
OPEN TIME	: > 5 minutes
ADJUSTABILITY	: > 5 minutes
SLIP RESISTANCE	: < 0.5 mm
POT LIFE	: > 30 minutes approx
DENSITY	: 1.5 -1.9 g/ml

**MECHANICAL PROPERTIES**

<b>TENSILE ADHESION STRENGTH (After 28 days)</b>	
DRY CONDITION	Minimum 1.5 N/mm <sup>2</sup>
WET CONDITION	Minimum 1.0 N/mm <sup>2</sup>
<b>SHEAR ADHESION STRENGTH (After 28 days)</b>	
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>
<b>DEFORMABILITY (After 28 days)</b>	
DEFORMABLE ADHESIVE (S1)	≥ 2.5 mm - < 5.0 mm



**EX - 55** ALL TILES  
EXPERT



**SUBSTRATE**

- Cement base backgrounds
- Plywood
- Gypsum boards
- Fibre cement boards
- All Tile on Tile applications
- Interior & exterior Floor & Wall application



**HomeSure TileEX EX-55 ALL TILE EXPERT** is a cement-based white colored adhesive that is ideal for applying to all types of tiles and stone tiles on drywall board substrates. It may also be utilized in wet, internal, and external locations, commercial areas and workshops. It provides excellent, long lasting bonding strength to bond tiles & stones on all types of surfaces.

**COVERAGE**  
2 - 3 Sq. Ft./ 1 kg at 3 mm thickness on plain surface (or Depending on substrate conditions)

**COMPOSITION**  
• Graded Sand • Cement • Selected Fillers • Polymers

**FEATURES**

- Easy Mixing**
- High Durability**
- Highly Water Resistant**

**IS 15477:2019 - Type 4**

**TECHNICAL DATA**

PARAMETERS	SPECIFICATIONS
SPREADABILITY	: Spread easily with good notchability
OPEN TIME	: > 5 minutes
ADJUSTABILITY	: > 5 minutes
SLIP RESISTANCE	: < 0.5 mm
POT LIFE	: > 30 minutes approx
DENSITY	: 1.5 -1.9 g/ml

**MECHANICAL PROPERTIES**

<b>TENSILE ADHESION STRENGTH (After 28 days)</b>	
DRY CONDITION	Minimum 1.5 N/mm2
WET CONDITION	Minimum 1.0 N/mm2
<b>SHEAR ADHESION STRENGTH (After 28 days)</b>	
DRY CONDITION	Minimum 1.5 N/mm2
HEAT AGING CONDITION	Minimum 1.0 N/mm2
WET CONDITION	Minimum 1.0 N/mm2
<b>DEFORMABILITY (After 28 days)</b>	
DEFORMABLE ADHESIVE (S1)	≥ 2.5 mm - < 5.0 mm



## EPOXY TILE GROUT



HomeSure TileEX EPOXY BASED TILE GROUT 3K is a professional who can turn walls and floors into works of art that look great and have great qualities. It is a 3-pack tile grout made from epoxy resins and a hardener. It is designed to be used in Ceramic tiles, Vitrified tile, and Stone joints. It fills the gaps and evens itself out so that the tile joints are strong and dust-proof.

### FEATURES

-  **Water Resistant**
-  **High Strength**
-  **Bacterial Resistant**

### COVERAGE

Coverage can be calculated theoretically through the formula: Coverage (kg/m<sup>2</sup>) = (Mix Density\* x Tile thickness x Joint width) x [ (Tile length + Tile width) / (Tile length x Tile width) ] \*Mix Density = 1.69 gm/cc

### SHADES AVAILABLE



### TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
Nature & Type	: Epoxy 3 component tile grout.
Mixing Ratio by Weight	: Resin    Hardener    Filler (Part A)    (Part B)    (Part C) 3.5 : 1 : 8
Pot life @27± 2°C	: 30 - 40 minutes
Setting Time	: 24 hours @ 30°C
Foot Traffic	: 24 hours
Heavy Traffic	: 72 hours

PARAMETERS	SPECIFICATIONS
Full curing, in days (minimum)	: 7
Compressive strength kg/sq.cm, (minimum)	: 700
Adhesion strength kg/sq.cm, (minimum)	: 30 (Concrete failure)
Tensile strength Kg/Sq.cm, (minimum)	: 100
Shrinkage	: Negligible

# HOMESURE TILE EX<sup>®</sup> Tile Expert



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**Walplast Products Pvt. Ltd.** ISO 9001: 2015 Certified Company  
Plot No A, 246, Cross Road Number 18, T.T.C. Industrial Area, MIDC  
Industrial Area, Mahape, Navi Mumbai, Maharashtra-400 710.

Toll-Free No.: 1800 3000 6650

Email: [customercare@walplast.com](mailto:customercare@walplast.com) | Website: [www.walplast.com](http://www.walplast.com)

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