Walplast®

HOMESURE TILE EX

Tile Expert



EXpert

Tile Fixing Solution

HOMESURE TILE EX
Tile Expert

EX - 11 CERAMIC EXPERT



SUBSTRATE

• Cement base

APPLICATION AREA

• Interior floor & wall



HomeSure TileEx **EX-11 CERAMIC EXPERT** r fixing ceramic and clay tiles for internal dry area applications only. This tile ashesive is general purpose adhesive, easy to handle, only need to add adhesive to the clean water to produce easily workable mortar. Ideal to fix tiles with apparent porosity greater than 3%.

COMPOSITION

• Graded Sand • Cement • Selected Fillers • Polymers

COVERAGE

1.3 Kg-1.5 Kg /mm/M².] 50 - 55 Sq. Ft./ Bag (20 Kg) at 3 mm thickness on a plain surface (depending on substrate conditions).

FEATURES

- Excellent for Porous surfaces
- Durable & Long Lasting
- Strong Bond
- Superior tensile & shear adhesion strength

T1 IS 15477:2019 — EN 12004 C1T

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
OPEN TIME	: ≥20 minutes @temp. 27°C
ADJUSTABILITY	: ≥10 minutes @temp. 27°C
POT LIFE	: 120 ± 30 minutes @temp. 27°C

MECHANICAL PROPERTIES

TENSILE ADHESION STRENGTH (After 28 days)

DRY CONDITION ≥0.50 N/mm²

SHEAR ADHESION STRENGTH (After 28 days)

DRY CONDITION ≥1.00 N/mm²

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EX - 22 VITRIFIED EXPERT



SUBSTRATE

- Cement base

APPLICATION AREA

- Interior floor & wall
- Exterior floor only



HomeSure TileEx **EX-22 VITRIFIED EXPERT** (Grey) is a cement-based polymer modified, tile adhesive is suitable for fixing tiles with less than 3% porosity, like all Type-1 suitable tiles, vitrified & semi-vitrified tiles on walls and floors in interiors & on floors on exteriors. This Adhesive is a cementitious material in the powder form composed of cement, sand, polymer. Add adhesive to the clean water to produce easily workable mortar to fix tiles over any cementitious surface.

COMPOSITION

· Graded Sand · Cement · Selected Fillers · Polymers

COVERAGE

1.3 Kg-1.5 Kg /mm/M².] 50 - 55 Sq. Ft./ Bag (20 Kg) at 3 mm thickness on a plain surface (depending on substrate conditions).

FEATURES

- Water Resistant
- Durable & Long Lasting
- Strong Bond
- Superior tensile & shear adhesion strength

T2 IS 15477:2019 EN 12004 C2T

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
OPEN TIME	: ≥25 minutes @temp. 27°C
ADJUSTABILITY	: ≥25 minutes @temp. 27°C
SLIP RESISTANT	: ≤0.50 mm
POT LIFE	: 150 ± 30 minutes @temp. 27°C

MECHANICAL PROPERTIES

TENSILE ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥1.00 N/mm²
WET CONDITION	≥1.00 N/mm²

SHEAR ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥1.25 N/mm²
HEAT AGING CONDITION	≥1.00 N/mm²
WET CONDITION	≥1.00 N/mm²

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EX-G 33 VITRIFIED & STONE EXPERT



SUBSTRATE

- Cement base

APPLICATION AREA

- Interior floor & wall
- Exterior floor only



HomeSure TileEx **EX-G 33 VITRIFIED AND STONE EXPERT** (Grey) is high polymer modified, cement-based tile adhesive applicable for fixing vitrified/ fully vitrified tiles, glass mosaic tiles, all stones, dense and large dimension tiles & slabs. It is mainly suitable for tiles with an apparent porosity less than or equal to 3%. It is more demanding for wet area, submerged area etc. It provides high bond strength, water retention, superior workability, unique properties.

COMPOSITION

- Graded Sand · Cement
- Specialised Polymers

COVERAGE

1.3 Kg-1.5 Kg /mm/M².] 50 - 55 Sq. Ft./ Bag (20 Kg) at 3 mm thickness on a plain surface (depending on substrate conditions).

FEATURES

- Water Resistant
- Extended open time
- Superior tensile & shear adhesion strength
- Excellent bond

T2 IS 15477: 2019 — EN 12004 C2TE

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
OPEN TIME	: ≥30 minutes @temp. 27°C
ADJUSTABILITY	: ≥25 minutes @temp. 27°C
SLIP RESISTANT	: ≤0.50 mm
POT LIFE	: 150 ± 30 minutes @temp. 27°C

MECHANICAL PROPERTIES

TENSILE ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥ 1.00 N/mm²
WET CONDITION	≥ 1.00 N/mm²

SHEAR ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥1.25 N/mm²
HEAT AGING CONDITION	≥1.00 N/mm²
WET CONDITION	≥1.00 N/mm²

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EX -33 STONE & GLASS EXPERT



SUBSTRATE

- Cement base

APPLICATION AREA

- Interior floor & wall
- Exterior floor only



HomeSure TileEx **EX-33 STONE AND GLASS EXPERT** (White) is high polymer modified, cement-based tile adhesive applicable for fixing vitrified/ fully vitrified tiles, glass mosaic tiles, all stones, dense and large dimension tiles & slabs. It is mainly suitable for tiles with an apparent porosity less than or equal to 3%. It is more demanding for wet area, submerged area etc. It provides high bond strength, water retention, superior workability, unique properties.

COMPOSITION

- Graded Sand · Cement
- Specialised Polymers

COVERAGE

1.3 Kg-1.5 Kg /mm/ M^2.] 50 - 55 Sq. Ft./ Bag (20 Kg) at 3 mm thickness on a plain surface (depending on substrate conditions).

FEATURES

- Water Resistant
- Extended open time
- Superior tensile & shear adhesion strength
- Excellent bond

T2 IS 15477: 2019 — EN 12004 C2TE

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
OPEN TIME	: ≥30 minutes @temp. 27°C
ADJUSTABILITY	: ≥25 minutes @temp. 27°C
SLIP RESISTANT	: ≤0.50 mm
POT LIFE	: 150 ± 30 minutes @temp. 27°C

MECHANICAL PROPERTIES

TENSILE ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥ 1.00 N/mm^2
WET CONDITION	≥ 1.00 N/mm^2

SHEAR ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥1.25 N/mm^2
HEAT AGING CONDITION	≥1.00 N/mm^2
WET CONDITION	≥1.00 N/mm^2

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EX-44 EXTERNAL EXPERT



SUBSTRATE

- Cement base

APPLICATION AREA

- Interior / Exterior floor & wall



HomeSure TileEx **EX-44 EXTERNAL EXPERT** (Grey) is highly polymerised, cement-based coloured adhesive formulated with special properties like water resistant, slip resistance, flexibility and extended open time. It is suitable for tiles and stone tiles on exterior wall substrate like concrete or plaster. It is suitable for tiles like ceramic, clay tiles, basalt tiles, vitrified, glass mosaic tiles and porcelain tiles and all natural stone tiles.

COMPOSITION

- Graded Sand - Cement - Selected Fillers
- Polymers

COVERAGE

1.3 Kg-1.5 Kg /mm/ M^2.] 50 - 55 Sq. Ft./ Bag (20Kg) at 3 mm thickness on a plain surface (depending on substrate conditions).

FEATURES

- Water Resistant
- Extended open time
- Excellent bond
- Superior tensile & shear adhesion strength

T3 IS 15477: 2019 — EN 12004 C2TES1

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
OPEN TIME	: ≥35 minutes @temp. 27°C
ADJUSTABILITY	: ≥30 minutes @temp. 27°C
SLIP RESISTANT	: ≤0.50 mm
POT LIFE	: 150 ± 30 minutes @temp. 27°C

MECHANICAL PROPERTIES

TENSILE ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥1.50 N/mm^2
WET CONDITION	≥1.00 N/mm^2

SHEAR ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥1.50 N/mm^2
HEAT AGING CONDITION	≥1.00 N/mm^2
WET CONDITION	≥1.00 N/mm^2

DEFORMABILITY (After 28 days)

DEFORMABLE ADHESIVE (S1)	≥ 2.50 mm < 5.00 mm

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EX-344 W
EXTERNAL EXPERT



SUBSTRATE

- Concrete or plaster

APPLICATION AREA

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



HomeSure TileEx **EX 344 W** (White) is highly polymerised, white cement-based white coloured adhesive formulated with special properties like water resistant, slip resistant, flexibility and extended open time.
It is suitable for tiles and stone tiles on exterior wall substrates like concrete or plaster. It is suitable for tiles like ceramic, clay tiles, basalt tiles, vitrified, glass mosaic tiles, porcelain tiles and all natural stone tiles.

COMPOSITION

- Graded sand, cement, selected fillers
- Polymers

COVERAGE

1.3 Kg-1.5 Kg /mm/ M^2.] 50-55 Sq. Ft./ Bag (20 Kg) at 3 mm thickness on a plain surface (depending on substrate conditions).

FEATURES

- Extended open time
- Superior tensile & shear adhesion strength
- No curing required
- Excellent bond

T3 IS 15477:2019
EN 12004 C2TES1

TECHNICAL DATA

PARAMETERS		SPECIFICATIONS
OPEN TIME	:	≥35 minutes @temp. 27°C
ADJUSTABILITY	:	≥35 minutes @temp. 27°C
SLIP RESISTANT	:	≤0.50 mm
POT LIFE	:	150 ± 30 minutes @temp. 27°C

MECHANICAL PROPERTIES

TENSILE ADHESION STRENGTH (After 28 days)

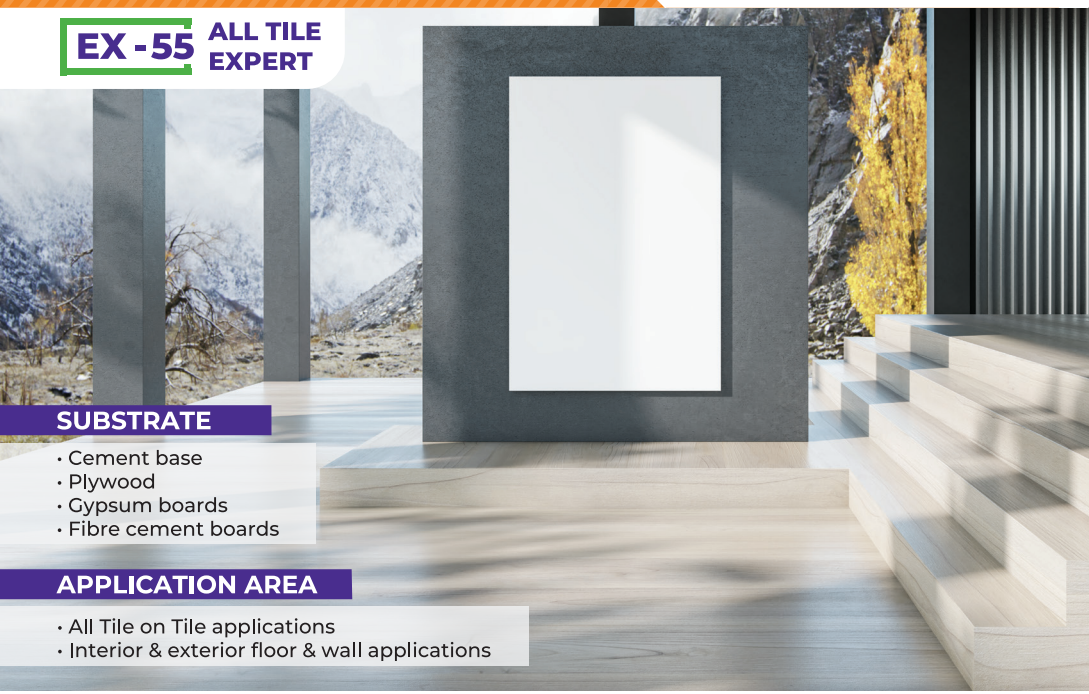
DRY CONDITION	≥1.50 N/mm^2
WET CONDITION	≥1.00 N/mm^2

SHEAR ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥1.50 N/mm^2
HEAT AGING CONDITION	≥1.00 N/mm^2
WET CONDITION	≥1.00 N/mm^2

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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** (White) is highly polymerised, cement-based adhesive formulated with special properties like water resistant, slip resistant, flexibility and extended open time. It is suitable for Type 1 to 3 compatible substrates and specially designed for dry wall substrates. It is suitable for tiles like ceramic, clay tiles, basalt tiles, vitrified, glass mosaic tiles and all natural stone tiles.

COMPOSITION

· Graded Sand · Cement · Selected Fillers
· Polymers

COVERAGE

1.3 Kg-1.5 Kg /mm/ M².] 50 - 55 Sq. Ft./ Bag (20 Kg) at 3 mm thickness on a plain surface (depending on substrate conditions).

FEATURES

- **Water Resistant**
- **Extended open time**
- **Excellent bond**
- **Superior tensile & shear adhesion strength**

T4
IS 15477: 2019

EN 12004
C2TES1

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
OPEN TIME	: ≥35 minutes @temp. 27°C
ADJUSTABILITY	: ≥35 minutes @temp. 27°C
SLIP RESISTANT	: ≤0.50 mm
POT LIFE	: 150 ± 30 minutes @temp. 27°C

MECHANICAL PROPERTIES

TENSILE ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥1.50 N/mm²
WET CONDITION	≥1.00 N/mm²

SHEAR ADHESION STRENGTH (After 28 days)

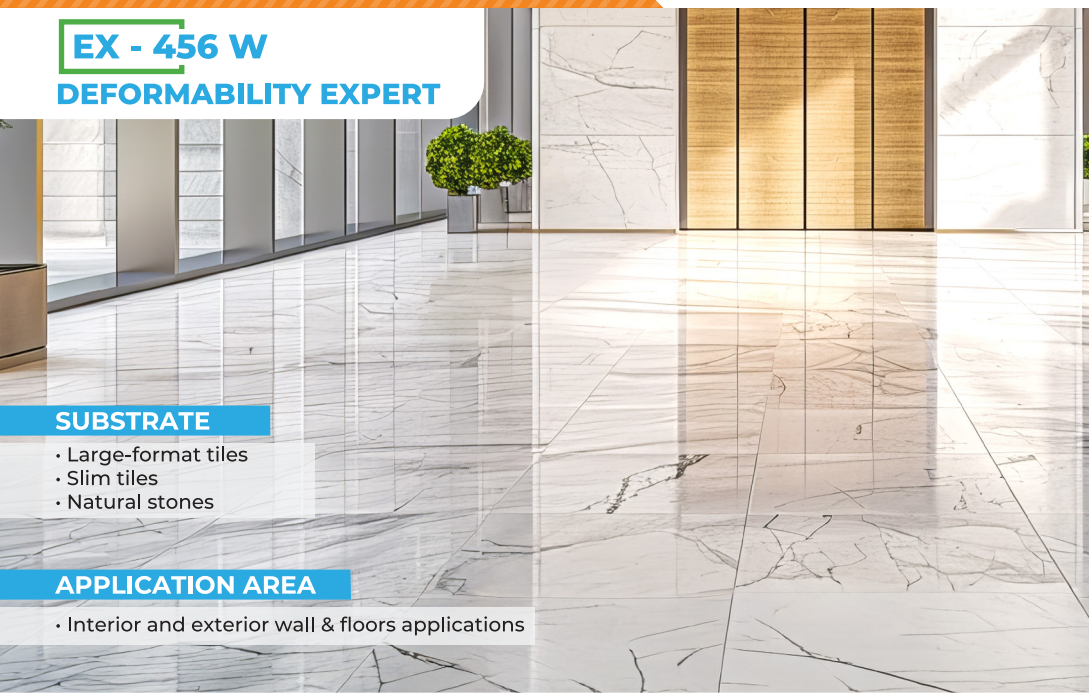
DRY CONDITION	≥1.50 N/mm²
HEAT AGING CONDITION	≥1.00 N/mm²
WET CONDITION	≥1.00 N/mm²

DEFORMABILITY (After 28 days)

DEFORMABLE ADHESIVE (S1)	≥2.50 mm < 5.00 mm

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EX - 456 W
DEFORMABILITY EXPERT



SUBSTRATE

- Large-format tiles
- Slim tiles
- Natural stones

APPLICATION AREA

- Interior and exterior wall & floors applications



HomeSure TileEX **EX 456 W** (White) is a high polymer-modified, flexible cementitious adhesive with enhanced properties including high bond strength, slip resistant and extended open time. Specially designed with rheology for any substrates (except metal & glass). Recommended for fixing large-format tiles, slim tiles and natural stones on vertical and horizontal surfaces. Suitable for internal and external applications, especially in areas subjected to heavy foot traffic, external exposure and structural movement or vibration.

COMPOSITION

• Graded Sand • Cement • Selected Fillers
• Polymers

COVERAGE

1.3 Kg-1.5 Kg /mm/ M².] 50-55 Sq. Ft./ Bag (20 Kg) at 3 mm thickness on a plain surface (depending on substrate conditions)

FEATURES

- Extended open time
- Sustains heat ageing
- Highly deformable adhesive
- Excellent bond

T4 IS 15477:2019

EN 12004 C2TES2

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
OPEN TIME	: ≥35 minutes @temp. 27°C
ADJUSTABILITY	: ≥35 minutes @temp. 27°C
SLIP RESISTANT	: ≤0.50 mm
POT LIFE	: 150 ± 30 minutes @temp. 27°C

MECHANICAL PROPERTIES

TENSILE ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥1.50 N/mm²
WET CONDITION	≥1.00 N/mm²

SHEAR ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥1.50 N/mm²
HEAT AGING CONDITION	≥1.00 N/mm²
WET CONDITION	≥1.00 N/mm²

DEFORMABILITY (After 28 days)

DEFORMABLE ADHESIVE (S2)	≥ 5.00 mm

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EX - 566 PU TILE ADHESIVE

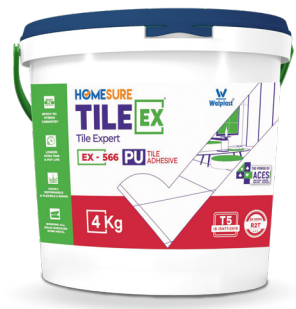


SUBSTRATE

- Cementitious Surfaces
- Metal
- Drywall
- Plywood

APPLICATION AREA

- Interior and exterior wall & floors applications



HomeSure **TileEx EX 566** is a two-component, modified polyurethane tile adhesive that offers high deformability, flexibility, and exceptional performance. It is designed for bonding all types of tiles and stones to both interior and exterior walls and floors. This high-strength adhesive is compatible with any solid substrates, including cementitious surfaces, metal, drywall, plywood and both absorbing and non-absorbing materials.

COMPOSITION

- Part A: PU resin with graded fillers
- Part B: Hardener

COVERAGE

- At 1.5 mm bed thickness (3 mm x 3 mm notch): 1.50 ± 0.25 m² / 4 Kg pack
- At 3 mm bed thickness (6 mm x 6 mm notch): 0.78 ± 0.12 m² / 4 Kg pack

*Coverage will vary depending on trowelnotch size, type, size of tile and substrate smoothness and evenness

FEATURES

- PU Hybrid Chemistry
- Longer Open Time & Pot Life
- Highly Deformable & Flexible (>30mm)
- Bonding All Solid Surfaces Even Metal

T5 IS 15477:2019 | EN 12004 R2T

TECHNICAL DATA

PARAMETERS		SPECIFICATIONS
OPEN TIME	:	≥60 minutes @temp. 27°C
ADJUSTABILITY	:	≥60 minutes @temp. 27°C
SLIP RESISTANT	:	≤0.50 mm
POT LIFE	:	≥60 minutes @temp. 27°C

MECHANICAL PROPERTIES

TENSILE ADHESION STRENGTH (After 28 days)

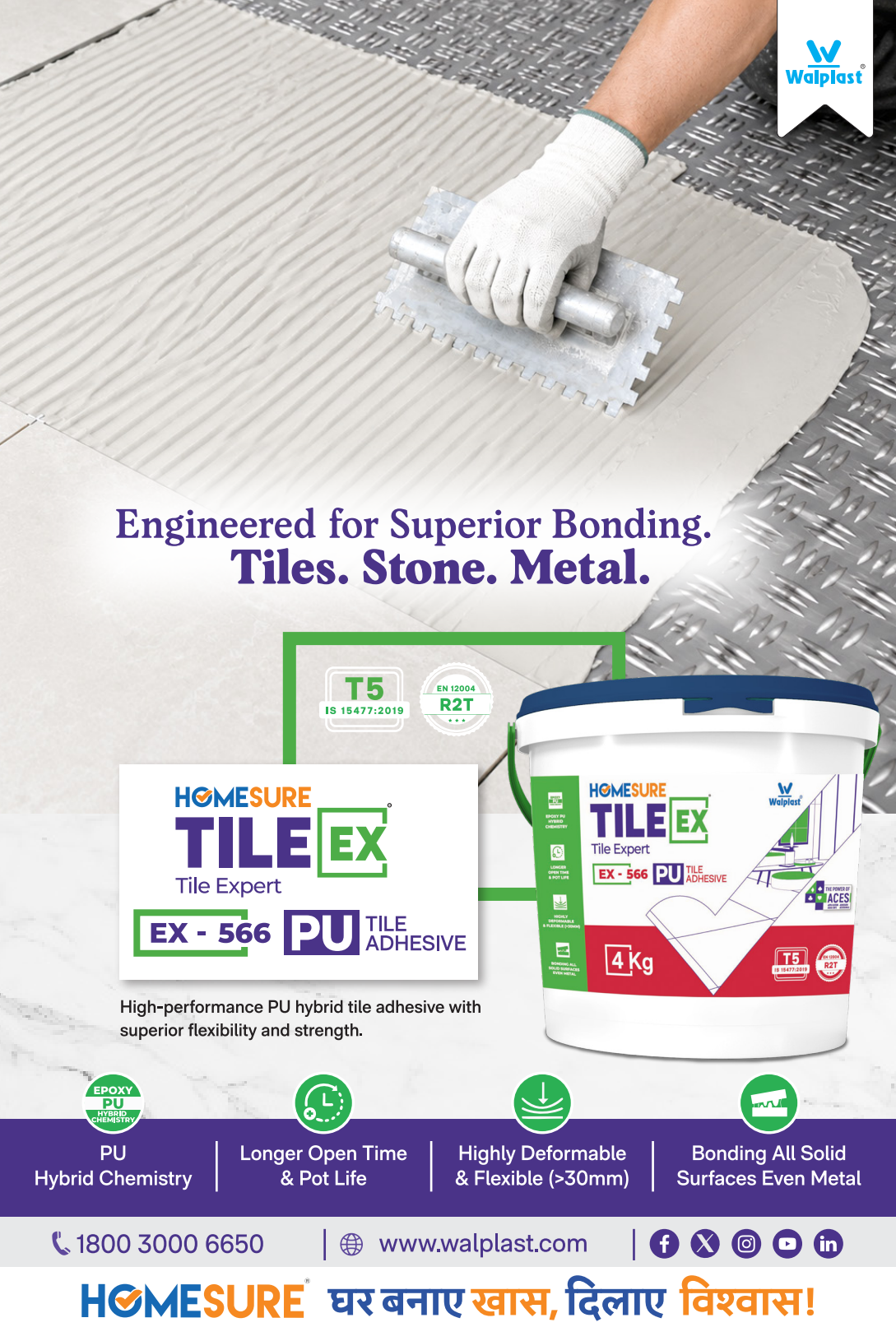
DRY CONDITION after 7 days	≥2.00 N/mm²

SHEAR ADHESION STRENGTH (After 28 days)

DRY CONDITION	≥6.00 N/mm²
HEAT AGING CONDITION	≥3.00 N/mm²

DEFORMABILITY (After 28 days)

DEFORMABLE ADHESIVE (R2)	≥30.00 mm


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T5
IS 15477:2019
EN 12004
R2T
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EX - 566 PU TILE ADHESIVE
4 Kg
High-performance PU hybrid tile adhesive with superior flexibility and strength.
EPOXY PU HYBRID CHEMISTRY
PU Hybrid Chemistry
Longer Open Time & Pot Life
Highly Deformable & Flexible (>30mm)
Bonding All Solid Surfaces Even Metal
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TWO COMPONENT EPOXY GROUT



SHADES AVAILABLE

Jet Black | Chocolate Brown | Hazelnut Brown | Platinum Grey | Pure Ivory | Smoke Grey | Terracotta Red | Super White

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.

FEATURES

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

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: Coverage (Kg/m2) = 1.6 x (Tile thickness x Joint width) x [(Tile length + Tile width)/ (Tile length x 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 Part A: Base (Colored Resin paste) & Part B: Hardener
Mixing Ratio by Weight	: Base : Hardener = 90 : 10
Setting Time	: 24 hours @temp. 30°C
Foot traffic	: 24 hours
Heavy Traffic	: 72 hours

PARAMETERS	SPECIFICATIONS
FULL CURING, in DAYS (minimum)	: 7 Days
COMPRESSIVE STRENGTH in MPa	: 45 Minimum
FLEXURAL STRENGTH in MPa	: ≥30
SHRINKAGE	: Negligible

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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/m2) = (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)			JOINT WIDTH/ JOINT GAP (MM)		
Length	Width	Thickness/ Height	3	4	5
100	100	3	0.36	0.48	0.60
200	300	6	0.3	0.40	0.50
450	600	8	0.23	0.31	0.39
600	600	10	0.16	0.21	0.27

NOTE

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

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
NATURE	: Free flowing powder
WATER DEMAND	: 30-35 %
SETTING TIME	: 24 hours @temp. 27°C
COMPRESSIVE STRENGTH in MPa	: ≥15
SHRINKAGE	: Low
FLEXURAL STRENGTH in MPa	: ≥3

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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 / transparent
SPECIFIC GRAVITY AT 27°C	: 1.01 ± 0.02
DILUTION	: As per requirement
VISCOSITY	: <50 cps @25oc

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HOMESURE RANGE OF EXPERTS



HOMESURE® Ghar Banaye Khaas, Dilaaye Vishwaas!



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