HOMESURE TILE EX
Tile Expert

EX - 333 G

LARGE FORMAT EXTERNAL EXPERT

WALPLAST PRODUCTS PRIVATE LIMITED ISO 9001:2015 CERTIFIED

Walplast



TECHNICAL DATA SHEET

HomeSure TileEx Ex-333 (Grey) is highly polymerised, cement-based adhesive formulated with special properties like water resistant, slip resistance and extended open time.

SUBSTRATE

Cementitious substrates like plasters, concrete & screeds

APPLICATION AREA

All cementitious surfaces, tile on tile

PREFERRED TILES TYPE

Ceramic, clay tiles, vitrified, glass mosaic tiles, porcelain tiles and all natural stone tiles

FEATURES

- Easy mixing, smooth application & good workability
- Excellent bond to various building materials and substrates
- Specially designed for doors window frame & exterior applications
- Superior bond strength with extended working time for reliable, slip-free tile installation
- Highly water resistant
- Excellent tensile & shear adhesion strength
- Low VOC - for healthy living



PHYSICAL PROPERTIES

NATURE	Grey dry powder
WATER DEMAND	25% ± 5%
POT LIFE	150 ± 30 minutes @ temp 27°C
OPEN TIME	≥35 minutes @ temp 27°C
ADJUSTMENT TIME	≥30 minutes @ temp 27°C
APPLICATION TEMPERATURE	5°C to 40°C
SERVICE TEMPERATURE	-5°C to 70°C
GROUTING TIME	24 hours
TIME TO HEAVY FOOT TRAFFIC	24 hours

T3 IS 15477:2019

EN 12004 C2TE 2017

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).

Disclaimer: All the tests are carried out in controlled laboratory conditions. The tiles being used in all the tests are compliance to IS 15622:2017. Further, the substrate tensile strength should be more than 1.5 N/mm² as per IS 15477:2019

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PERFORMANCE AGAINST STANDARD

EN 12004 / ISO 13001 DATA

Test Method	Requirement	Typical Values
Tensile Adhesion Strength, N/mm² (after 28 days)		
Tensile strength extended 30 minutes open time	≥0.50	0.80 ± 0.10
Slip resistance, mm	≤0.50	0.35 ± 0.10
Initial	≥1.00	2.00 ± 0.20
After water immersion	≥1.00 N	1.30 ± 0.10
Heat ageing	≥1.00	1.40 ± 0.10
Freeze - Thaw	≥1.00	1.20 ± 0.10

The adhesive mortar conforms to EN 12004 / ISO 13007 as C2TE

IS 15477 DATA

Test Method	Requirement	Typical Values
Tensile Adhesion Strength, N/mm² (after 28 days)		
Dry condition	≥1.50	2.00 ± 0.20
Wet condition	≥1.00	1.30 ± 0.10
Shear Adhesion Strength, N/mm² (after 28 days)		
Dry condition	≥1.50	1.70 ± 0.10
After water immersion	≥1.00	1.15 ± 0.10
After heat ageing condition	≥1.00	1.10 ± 0.05
Slip resistance, mm	≤0.50	0.35 ± 0.10

The adhesive mortar conforms to IS 15477:2019 as Type 3TE

SURFACE PREPARATION



Ensure the substrate is dry, clean, and structurally sound.

Condition

Substrate must be stable, cured, compact, and free from dust oil, grease, and contaminants.There should be no rising damp, loose particles, or flaky areas

Surface Stability

The surface must be free of cracks and imperfections, with no hygrometric shrinkage present. Any uneven areas should be smoothed with suitable products.

Concrete

If applying on concrete, it should be cured for at least 28 days to prevent shrinkage after tile installation. For external applications or areas exposed to heavy foot traffic, ensure proper curing times.

APPLICATION PRECAUTIONS

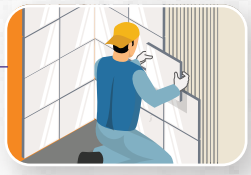
- Do not add more water than recommended
- Optimum adhesive thickness 3-15 mm
- Do not directly use on gypsum plaster surface, paint, wood and metal
- Before tile-on-tile application, ensure that the original tiling surface has enough roughness to provide the required high strength bonding

MIXING



- Take 5 ± 1L of clean water for 20 Kg bag of **HomeSure TileEx Ex-333 (Grey)** in a clean bucket. It is important to add powder into water and not vice versa
- Stir continuously for 3-5 minutes by using mechanical stirrer or by hand to obtain a homogeneous lump - free paste
- Allow the resultant paste to stand for about 5 minutes for the additives to dissolve
- Re-mix again for about 2 minutes. The mixture is now ready to apply

APPLICATION PROCESS



- Dampen the surface to be plastered with clean water. Allow excess water to drain off (substrate should be in SSD conditions)
- Apply the material with the help of notch trowel and use 6 mm - 12 mm notched trowel for application as per size of tile (Depending on surface undulations)
- Application should be angled between 45 to 60 degrees, using the right amount of pressure. Check for holes and gaps in the adhesive spread it evenly
- Fix the tile in the place and press it sideways or tap gently with mallet from the center towards the outside. (for 600 x 600 mm and for grater tiles, use tile vibrator for better dispersion)

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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 +5ºC to 40ºC
- Store in dry and well-ventilated place away from heat source, direct sunlight, humidity, water source
- Avoid using partially used material; open bags with partially used material should be kept in a bag with its mouth tied tightly with string to prevent lump formation

HEALTH AND SAFETY INFORMATION



- Refer MSDS for information and advice on the safe handling, storage and disposal of chemical products
- Use rubber hand gloves and safety goggles, while using product
- Avoid contact with skin /eyes and avoid swallowing. In case of contact with skin, wash with plenty of water
- Keep out of reach of children

PACKING

Available in 20 Kg bag



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RANGE OF PRODUCTS



A Walplast Product

TA EX Version 1 - 29 Oct 2026

Walplast Products Pvt. Ltd. ISO 9001: 2015 Certified Company
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