



ULTRABOND EX 210 MODIFIED PU ADHESIVE



DESCRIPTION

Multipurpose, two component, Polyurethane thinset adhesive for fixing tiles and stone on interior and exterior floor & wall. Suitable for various drywall substrates including metals.

APPLICATION AREAS

- Used for bonding ceramic tiles, stone material, and all types of mosaics on cement boards, wooden surfaces, any metals, balconies, external terraces domes, or flat roofs subject to foot traffic
- Also used for bonding natural stones. It can also be used for fixing tiles where the surface is subjected to vibration and deflection

ADVANTAGES

- Highly thixotropic
- Resistant to vibration
- Flexible water free adhesive
- Resistant to water penetration
- Hardens without any shrinkage
- Excellent adhesion and high bond strength
- Recommended for internal & external application

PROPERTIES

Testing Properties	Test Results
Component Appearance	Part A (Hardener) : Off White Paste Part B (Base) : White Paste
Mixing Ratio (Part A : Part B)	Part A - 0.800 Kg & Part B - 3.200 Kg (Part A : Part B - 4:1 by weight)
Mixed Material Appearance	Off White Paste Consistency
Mixed Density	1.65 ± 0.1 kg/ litre
Open Time	Min. 45 minutes
Adjustability	Min. 45 minutes
Pot Life	Min. 60 minutes
Sag/ Slip	≤ 0.5 mm
Application Temperature (substrates and materials)	10°C to 40°C
Resistance to temperature	-40°C to +100°C
Setting/ Trafficable/ Grouting Time	24 hours
Interval before normal use	3 days (7 days for heavy duty traffic)

METHOD OF APPLICATION

SURFACE PREPARATION

- Cementitious Substrate should be structurally sound, clean and free of all bond inhibiting agents, like dirt, oil, grease, paint, sealers, curing compounds, laitance etc. Remove dirt, dust and laitance if any using high pressure water jet or by using wire brush or any other suitable method.
- Substrate should be Even, Smooth and sufficiently Cured.
- For Metallic substrates, surface should be free from Rust and paint.
- For Dry Walls – Only Dry Cleaning is recommended.

MIXING

- Mix Part A & Part B with a suitable slow speed drill or by hand until a uniform paste is obtained.
- Mix only the required quantity (in recommended ratio Only) which can be consumed within the pot life.

APPLICATION

- Apply adhesive to the substrate with the flat side of the trowel, use proper size notch trowel to ensure full bedding of the tile.
- Fix the tile / Stone onto adhesive and press firmly. In case of Large size tiles/stones, recommended to do back buttering. Bed thickness should be between 2 mm to 6 mm bed the tiles firmly into the adhesive

with a slight sliding and/or twisting action to ensure a good and uniform contact.

- Recommended to use Spacers between the tiles/stones to have proper grouting and to accommodate surface movements.
- Clean off surplus adhesive from tile face, tools and between joint while adhesive is fresh.
- Grouting / Foot Traffic – after 24 Hours.

PRECAUTIONS

- Please use recommended proportion of both components. Any change in proportion would not give the correct product performance. Do not Dilute any Component by adding materials like Resin, Solvents etc.
- Tiles/ Stones should not be installed over expansion Joints.
- Substrate should be fully Cured.
- Do not Use over Wet Plaster or Screed.
- In case of very weak surface, please ensure that proper strength or corrections are done before use of adhesive.
- For light colour stone/ mosaic, do sampling for colour staining & compatibility before using.

PACKAGING

4 Kg Pail

Part A Hardener :- 0.800 Kg

Part B Paste :- 3.200 Kg

COVERAGE

Approximately 10-12 Sq.ft for 3mm bed thickness.

SHELF LIFE

2K PU to be used before 12 months from date of manufacturing. Store in a cool and dry place.

SAFETY PRECAUTIONS

Avoid contact with skin for prolonged periods.

In case of any contact with your eyes, wash immediately with plenty of water & seek medical attention.

For detailed material safety data sheet please contact the manufacturer

CUSTOMER CARE 1800 425 33 50

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