



HEGA POLYMER MODIFIED TILE ADHESIVE-GRAY

DESCRIPTION

HEGA TILE ADHESIVE GRAY is a flexible, general-purpose polymer-modified, cement-based adhesive used for internal or external floor and wall tile applications. Specially manufactured for Non-water-absorbing large-scale porcelain floor and wall tiles and marble.

Please use Hega White Tile Adhesive for white and transparent Colour tiles and natural stones.

Suitable Applications-On top of

- A) Cement/Sand Plastered Floor and Walls
- C) Concrete and Cement renders
- D) Fibrous cement sheet
- E) Old Cement and terrazzo floors

Advantages

Can be used to lay non-water absorbing large-scale porcelain floor and wall tiles and granite.

Any kind of water-absorbing tiles

Excellent adhesion to different substrates.

Long-lasting and durability

Good flexibility

Easy to use fast and economical.

PREPARATION

The substrate should be free of dust, grease, wax, oil, dirt, loose plaster, laitance, curing compounds, paint, and all other friable materials and contaminants likely to prevent adhesive bonding.

New concrete surfaces must be cured for a minimum of 3 weeks.

Old concrete surfaces should clean thoroughly and remove all acid and other contaminated chemical particles.

All substrates should be structurally sound, securely fastened, and properly supported to eliminate any movement which may cause cracking.

Fixing tiles on existing tiles surfaces, the glazed surface must be scratched about 60% of the area in patches of tiles with a grinder. This is necessary for proper binding.

MIXING

Be sure to choose the right tile adhesive for your project, Make sure to use a white adhesive for tiles with any transparency such as natural stone tiles

The mixing itself is best performed with an electric mixer fitted with a mortar-mixing paddle. It's important not to mix your adhesive too rapidly – suggested speeds are under 300rpm – as this may encourage unwanted air pockets to become trapped in the mixture.

1. Add approx 7-10 Liter of clean water to a bucket for every 25 kg of HEGA TILE ADHESIVE GRAY.
2. Sprinkle the powder slowly into the water, mixing constantly until a thick creamy toothpaste consistency is achieved – with no lumps.
3. Allow to stand for 5 minutes and re mix and then the adhesive is ready to use.

DO NOT aerate the mix by stirring over vigorously or for too long. The mix should be stiff enough to keep its shape when spread with a notched trowel.

APPLICATION

It's best to use the correct trowel for the type of adhesive you're using, and for the kind of tile you will be laying

Trowels differ in their shape, size, and most importantly, in the depth of their notches, which creates the texture when applying the tile adhesive to your sub-floor or wall

for example, when laying large tiles, it's recommended to use a large-notched trowel, to create a heavier, deeper grain in the adhesive, whereas a mosaic trowel, with much finer notches, can be used when applying adhesive for a mosaic tiling job, to create a shallower, more intricate texture.

When it comes to the actual application of the tile adhesive, use a standard gauging trowel to deliver the adhesive onto the floor or wall which you'll be tiling. Then once you have applied a generous amount of adhesive – enough to lay a few tiles onto – begin to level it out with your notched trowel to evenly cover the area you'll be working on. Once you have spread the adhesive out evenly, begin methodically scraping the trowel through the adhesive at a 45-degree angle with the wall or floor surface, creating the appropriate lines of notched adhesive

Workmanship

Spread the adhesive (3 to 6mm thickness) of creamy paste to the surface by using a proper trowel.

Below 300mm * 300mm tiles use a 6mm trowel to get a 3mm thickness of the adhesive layer.
Above 300mm * 300mm tiles use a 10mm trowel to achieve a 5mm adhesive layer underneath.

Lay the tiles with good pressure, twisting to ensure good contact with the adhesive. In more demanding exterior situations, tile-on-tile applications or if tiles with high ribs or lugs are being used, it is preferable to spread the backs of the tiles with a thin layer of adhesive
Trowel led onto the substrate, before laying.

For the fixing of homogenous porcelain tile, 3mm Gaps must be allowed between tiles for expansion purposes.

When adhering to nonporous surfaces or tiles, please ensure that a minimum of 90% of adhesive contact is achieved to the back of the tiles. A minimum final bed thickness between 3mm to 10mm is recommended.

Do not spread more than 1m² of adhesive at any one time as skinning may occur affecting final adhesion.

Press tiles onto the adhesive before it skins and ensure that the tiles are fully supported with the adhesive with no voids. Occasionally, in order to ensure that full coverage is being maintained, a tile should be removed, the adhesive coverage noted and the tile is re-laid accordingly. Once the tiles have been laid, they must NOT be trafficked upon or disturbed for a minimum of 24 hours at 20 deg C.

Remove the excess adhesive immediately after the application before drying using a damp cloth.

Pot life – must be used within 30 minutes.

Positions of tiles can only be done whilst the adhesive is wet.

A gap of 3mm between each tile should be allowed for even spacing. This can filled with HEGA polymer tile grout.

GROUTING

Grouting may be undertaken after 24 hours but allow a further 24 hours before general use. Allow joint widths of 3mm to 15mm for floors. Thoroughly clean the surface of the tiles to remove all residues prior to the grout drying.

CLEAN UP

Remove excess adhesive from between the tiles and clean the tile faces with a damp sponge before the adhesive sets. Clean tools and adhesives with water before the adhesive dries.

COVERAGE

Will vary according to the condition of the substrate size of the tile and its quality and application technique.

eg:- 300mm * 300mm – with 6mm notch trowel will cover 45 to 50 Sq.Ft. with 25kg product.

STORAGE

6 months - unopened bags in dry weatherproof storage.

PACKAGING

25Kg packs in powder form

Warranty

We warrant this product against manufacturing defects for the period of 10 years subject to the following terms and conditions.

Limitation and Product warranty conditions

For the application of homogenous porcelain tile, a 3mm Gap must be allowed between tiles for expansion purposes.

Not suitable for tiling over flexible substrates, such as timber, plywood, particleboard, MDF, and Masonite

Fixing tiles on existing tiles surfaces, the glazed surface must be scratched about 60% of the area in patches of tiles with a grinder. This is necessary for proper binding.

Please make sure to use only white Hega Tile adhesive when you fixed white porcelain tiles. Using gray adhesive may result in absorbing the gray color into the white surface of the tile.

- please ensure that there are adequate falls incorporated to prevent water ponding.
- Not suitable for tiling directly onto impervious non-absorbent surfaces like metals and plastics.
- Not suitable for moisture-sensitive tiles stones or green marble as discoloration might occur.
- Suspended concrete slabs must conform to appropriate set standards for maximum deflection. Any post-tensioned concrete slab must be treated as a flexible substrate.

TECHNICAL DATA

Appearance Grey Powder

Bulk density 1 Kg/liter

Pot life at 30 -45 minutes

SAFETY PRECAUTIONS RISK

Being cement-based may cause respiratory, skin, and eye irritation. Wet cement can be irritating and corrosive to eyes and skin, and may cause skin sensitization (dermatitis). Repeated inhalation may cause bronchitis, silicosis, and lung cancer and increase the risk of scleroderma.

SAFETY

Avoid contact with eyes and skin, both from the wet and dry mix. Do not breathe in dust. Wear suitable protective clothing, gloves, eye protection, and barrier cream. Wear a suitable dust mask. Wash thoroughly after handling and properly store any leftover material.

FIRST AID

Irrigate eyes with plenty of water and seek medical advice immediately.

SPILLS/LEAKS

Keep out of sewers and storm water and dispose off any leftover as trade waste in accordance with local authority guidelines.

Manufactured by Horana Minerals (Pvt) Ltd