

BOARDGRIP

Gypsum Based Plasterboard adhesive

Description:

BOARDGRIP is a gypsum based, ready-to-use, single component, powder adhesive. When mixed with water, it produces a high quality, efficient and economical permanent bonding of insulation panels and plasterboard in building and construction.

Advantages:

- Cuts working time by up to 30%.
- Mixes easily to form a creamy, lump-free gauge
- Excellent wet tack initial bond.
- Economical in use due to precise application.
- Suitable for vertical applications.

Uses:

- Clean, efficient and economical permanent bonding of insulation panels.
- Used to bond a wide range of plasterboards to many different types of substrates.
- Gypsum based adhesive for thermal/acoustic insulation composite panels
- Suitable for bonding gypsum plasterboard/gypsum fiberboard in dry lining applications.
- Suitable for bonding non-load bearing walls, e.g., partition walls, screen walls, cellar bars, stone shelves, etc., of concrete precision blocks (aerated concrete, sand-lime brick, gypsum,).
- Fills cavities between individual thermal insulation panels.
- Can be used for mounting electrical installation boxes.

Instructions for Use:

Surface Preparation:

All surfaces should be sound, clean, dry and free from loose material, efflorescence, laitance, curing compounds, dirt, oil and grease. Moisten the surface with clean water before applying the mixed product in order to reduce the absorption of water by the substrate from the mortar.

Mixing:

Add the contents of BOARDGRIP bag into a container of 10 – 11 Ltr. of clean water. Mix with a slow speed drill (400 rpm) until a uniform lump free consistency mix is achieved. Do not add any additional cement, sand, gypsum or any other material to the mix. If necessary, add water or dry mixture to achieve the required density. Allow the mix to rest for 3-5 minutes until complete dissolution of all components and then stir again.

Application:

BOARDGRIP can be applied on many usual substrates such as concrete, masonry, stone, plaster, plasterboard, gypsum fiberboard.

Apply BOARDGRIP about 3cm away from the edge of the panel as a 40mm circular bead and to the panel surface in lines or a W-shape. It must be ensured that the adhesive contact area is about 40% after applying pressure. The adhesive must always be applied circular also for panel cut-outs, penetrations, etc., to prevent rear circulation of the interior insulation. After applying BOARDGRIP, depending on the climatic conditions, allow to flash off for about 3-6 minutes. This ensures that an optimal adhesive strength is achieved. Subsequently place the panel on wedges, align and apply pressure from bottom to top. Do not tap or remove the panels as this can reduce the adhesive strength substantially. Apply new adhesive if necessary. After about 6 to 10 minutes, check for correct seating, readjust with a spirit level/level. Edges of walls, ceilings and floors, openings and penetrations must be filled out completely with BOARDGRIP.

TECHNICAL PROPERTIES:	
Color	Off white powder
Wet Density	1.70 ± 0.05 Kg/lit
Compressive Strength	>6 N/mm ²
Working Time	Approx. 45 minutes

*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

BOARDGRIP

Packaging:

BOARDGRIP is supplied in 30 kg paper bags

Storage:

BOARDGRIP adhesive bags should be stored in a dry and covered conditions, raised off damp floors and away from direct sunlight.

Cleaning:

Tools should be washed with water directly after use.

Standards:

BS-EN 14496:2005

Coverage:

2-4 Kg/m² (Patch at 400mm spacing bond)
6-9 Kg/m² (Solid application bed)

Shelf Life:

6 months from date of production in unopened packaging with storage as recommended.

Health and Safety:

- Avoid contact with eyes and skin. Wear suitable protective clothing such as coveralls, goggles, dust mask and gloves. Use barrier cream. Ensure that there is adequate ventilation. Do not breathe vapor or spray mist.

FIRST AID:

Eyes:	In the event of accidental splashes, flush with warm water and seek medical advice.
Skin:	Wash skin thoroughly with soap and water
Inhalation:	Remove to fresh air, keep patient rested
Ingestion:	Do not induce vomiting. Seek immediate medical attention.

For further safety information, please refer to BOARDGRIP Material Safety Data Sheet.

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