

Cement adhesive for applying in thickness of 4-10 mm. For internal and external use on tiles, such as: porcelain, non-absorbent ceramics etc. Having a standard stamp and a green stamp



Propertie

- For the adherence of tiles on precast concrete walls, concrete blocks, Ytong blocks and plaster.
- Suitable for adherence on plaster walls, that meets Israeli Standard 1920 Part 2 for rigid covering.
- Suitable for internal and external application on walls and floors of the structure.
- The mixture is ready to use with the addition of water only.



- Packaging:** 25 Kg. Paper bag
- Consumption** approx. 1.5 kg /m² in 1 mm thickness
- Composition:** cement, aggregates and polymeric additives.
- Substrate:** suitable for application on precast concrete walls, concrete blocks, Ytong blocks, cement plaster, terrazzo tiles, concrete, etc.

Technical Data:

Open time (E)	30 minutes
Pot life	Up to 3 hours
Tensile strength after 28 days	Above 1 MPa
Sagging (T)	Under 0.5 mm.

Application:

- Clean substrate from loose parts of concrete and plaster, dust, dirt, oils, paint and any element, which is liable to hinder proper adhesion
- Tiles should not be wetted prior to application.
- Substrate should be wetted several hours prior to application.
- Ensure that the background strength shall not be under 0.5 MPa.
- Pour 6.5-8 liters of water and slowly add the entire 25 Kg. contents of the bag, while mixing in a mixer to obtain a unified mixture. Wait for 3 minutes and mix again. Water quantities could vary, despite the stated above, due to changes of weather, etc. In any event, the appropriate workability level should be achieved.

- Apply a thin layer of Adhesive Fix 109 on the substrate, while compressing the adhesive to the substrate. Add adhesive, according to the necessary thickness, and comb at a 45° with a notch trowel.
- Apply a thin layer while compressing it on 100% of the back of the tile with the smooth side of the trowel, and add adhesive layer if necessary until leveling is achieved. Attach the tile to the substrate, while rotating and moving it around until it is placed in its desirable location, according to the "wet on wet" method.
- Compact by means of a rubber hammer.
- Ensure that there is full contact between the tile, adhesive and the substrate.
- Leave joints open, as required according to the Standard and the planner's requirements.

Notes:

- Natural stone tiles, should be cleaned thoroughly on the back of the tile before applying, using a moist sponge to remove residues of dust, dirt, oils and sawing waste.
- While working on external walls, it is recommended to provide shading around the scaffold to maintain a convenient work environment, protected against weather conditions.
- In adherence on non-absorbent substrates, Primer P-82 should be applied. Wait for 90 minutes before starting to adhere (see product specification of Primer P-82)

Quality Control:

- Pull out a tile during the adhesion before it has dried, proper adherence should appear as a "thorne" shape both on substrate and tile.
- Cover check – ensure that the adhesive covers 100% of the tile surface.
- Ensure that the adherence thickness corresponds with the requirements.
- Prior to filling mortar joints, adhesion should be checked by tapping on the tile. A hollow sound is produced if the adhesive is not properly adhered.

Precautions:

- Material should not be applied in surface temperatures under 5°C or above 35°C.
- Avoid wetting the adhesive and tiles for 24 hours after application. (Avoid outdoor adherence if rain is expected).
- Do not add water to a drying mixture. In order to prevent the mixture from drying out, mix it every 10 minutes using a mechanical mixer.
- Do not apply on paint or skim coat

Cleaning: : Tools and hands with running water for as long as the material is fresh.

Storage: In its original package in a shaded and dry location.

Shelf Life: Up to 9 months from the production date

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