

Super flexible adhesive white-cement based for adherence in thickness of 3-10 mm. on tiles such as ceramics, porcelain, natural stone, marble sandstone, etc. intended for internal and external use.

Accords with the requirements of Israeli Standards 4004, 1555 and 2378 Part 4. Bearing a Standard mark and a Green Mark.



Properties

- S2 - transverse deformation.
- Adhesion thickness, according to the requirements of the Standard, should not exceed 10 mm. In the event of deviation in the planarity of the wall, it is possible to apply two layers, while waiting for full drying of the first layer, and then continuing with the adherence according to the instructions. Thickness of the two layers will not exceed 20 mm.
- Suitable for applying on ceramic tiles with up to 10% absorbance, porcelain, natural stone, marble sandstone, etc. on floors and walls, for internal and external use.
- Intended for adhesion tiles of all kinds in wet rooms, swimming pools, adherence on existing tiles, and adherence of tiles on a wide variety of substrates.



Packaging: 25 kg. paper bags

Consumption: approx. 1.4 kg /m² in 1 mm thickness

Composition: cement, aggregates and polymeric additives

Substrate: precast concrete walls, Ytong blocks, cement plaster, gypsum blocks, gypsum boards.
Existing tiles, wood and metal surfaces by means of an appropriate connecting material
(the Technical Department should be consulted)

Technical Data:

Transverse deformation	S2
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.
Flexural strength	2.5 MPa

Application:

- Clean substrate from loose parts of concrete and plaster, dust, dirt, oils, paint and any element, which is liable to hinder proper adhesion.
- In an application on precast concrete walls, ensure that the concrete surface is strong and without "bleeding".
- Tiles should not be wetted prior to application.
- Substrate should be wetted several hours prior to application.

SUPER FLEXIBLE 100

Tile Adhesive

- Pour 4-6 liters of water and slowly add the entire 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 Super Flexible Adhesive 100 on the substrate while compressing it. Add adhesive, according to the necessary thickness, and comb with a notch trowel.
- Apply a thin layer of adhesive on the entire surface on the back of the tile, while compressing it with the smooth side of the trowel, add additional adhesive layer if necessary. 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.
- Tighten 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:

- It is recommended to provide shading around the scaffold while working on external walls, to maintain convenient work environment protected against weather conditions.
- Natural stone tiles, should be cleaned thoroughly on the back of the tile before applying, using a moist sponge to remove remaining's of dust, dirt, oils and sawing waste.
- Non-absorbent substrates should be coated with a layer of Primer P-82 (see product specification of Primer P-82). Wait for 90 minutes before applying the adhesive.

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. (Do not apply 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 with a mechanical mixer.
- Do not apply on paint or skim coat

Cleaning: Tools and hands should be cleaned 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

The Technical Service Department is available to our customers for consultation and guidance. The materials marketed by us are made of the finest components and are under close quality control. However, liability for the adjustment of the material to its use is imposed on the user only. We recommend in any event testing the adjustment of the material to the sought application prior to its use

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