

Flexible, white-cement based adhesive for adherence of porcelain tiles, mosaic, natural stone, marble, granite, sandstone, etc. in thickness of 4-10 mm.

Intended for internal and external use.

Accords with the requirements of Israeli Standards 1555, 4004 and 2378, Part 4.

Bearing a Standard mark and a Green Mark



### Properties:

- S1 - 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 both layers will not exceed 20 mm.
- Suitable for applying on ceramic tiles with absorbency level of above 10%, porcelain, mosaic, natural stone, marble, granite, sandstone, etc.
- Intended for internal and external use on floors and walls.
- Intended for adhesion of tiles of all kinds in swimming pools, existing tiles, and adhesion of tiles on a wide variety of substrates.



**Packaging:** 25 Kg. paper bags

**Consumption:** approx. 1.5 kg /m<sup>2</sup> in 1 mm thickness

**Composition:** cement, aggregates and polymeric additives

### Technical Data:

Transverse deformation	S1
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 factor, 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.
- Pour 8-8.5 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.

# Premium Flexible 116

## Tile Adhesive

- Apply a thin layer of Flexible Adhesive 116 premium 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 and adhesive to the substrate.
- Leave joints open, as required according to the Standard and the planner's requirements.

### Note:

- 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 residues of dust, dirt, oils and sawing waste.
- Non-absorbent substrates such as existing tiles 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 on substrate temperatures below 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 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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