



## High Quality, Cement Based Flexible Joint Filling Compound

### PRODUCT DESCRIPTION

**İNKA DERZFLEKS** is a ready to use, cement based, waterproof joint filler used for grouting (up to 6 mm) of tiles, marble, granite etc. **DERZFLEKS** is resistant expansion and shrinkage.

### AREAS OF USE

In the horizontal and vertical joints of all kinds of marble, granite and ceramic tiles used in;

- Hotels,
- Shopping malls,
- Hospitals,
- Residential areas,
- Commercial and industrial areas,
- Pools and artificial ponds,
- All kinds of wet areas,
- Indoor and outdoors.

### ADVANTAGES

- Practical to use,
- Will not scratch shiny / glazed surfaces,
- Remains stain free thanks to its smooth surface structure,
- Resistant to blows and vibrations thanks to its flexible nature,
- Resistant to general purpose cleaning agents,
- Waterproof.

### TECHNICAL DATA

- **Appearance:** White/grey and optional colors
- **Unit Weight of Fresh Mortar:** ~ 2 kg/ltr
- **Storage:** 12 months when kept in a dry and closed area stacked in loads of maximum 5 bags, away from freezing temperatures
- **Packaging:** 25 kg craft paper bag with PE lining

### APPLICATION

**Joint Preparation:** Joints should be cleaned mechanically and freed from dust , oil, paint, rust, curing materials, release agents, adhesive residues or other substances that may prevent adherence. The tile adhesive should be fully cured and dry. Joints should be dampened before the application.

**Product Preparation:** 3 parts of **İNKA DERZFLEKS** should be sprinkled onto 1 part water in a clean container while mixing with a slow speed compulsory mixer until a smooth, lump free paste like mix is obtained. The mortar should be left to rest for 2 minutes and becomes ready to use. Always add powder to liquid. (above stated mixing ratio is recommendatory) Ambient temperature, humidity, horizontal, vertical and above head applications are all factors that require different consistency. Therefore necessary amount should be decided by on site trials and excessive use of mixing water must be avoided.

**Filling the Joints:** The ready to use jointing grout should be spreaded parallel into the joints. Then it should be worked into the joints diagonally in both directions using a rubber trowel for proper

filling with no void. Excessive material should be wiped out after a while using a soft sponge. It would be appropriate to keep the joints humid to reach the desired strengths. For deep joints, this process should be repeated after the first layer of grouting sits in.

When the product becomes hard enough to withstand the pressure of a thumb, a moist sponge should be roled over it to give the joint filler its final shape. Application should be finished by cleaning the remaining product residues on tiles.

The following day, joints must be polished by a soft, dry cloth.

### CONSUMPTION

Depending on the joint size, 0,15 – 1,5 kg/m<sup>2</sup>.

### ATTENTION

- Additional water should not be added to **DERZFLEKS** after the mixing process is completed.
- While fixing flexible tiles, constant pressure must be applied onto the corners until the adhesive sets.
- The glazed surfaces of old tiles should be chipped for better adherence and performance.
- The surfaces contaminated with **DERZFLEKS** should be cleaned before the residues set.
- Do not use **İNKA DERZFLEKS** where environmental temperature is below +5°C and above +35°C.
- The remaining product should be kept closed and airtight in its original packaging.
- For outside applications, the area should be protected against direct sunlight, wind, rain and freezing temperatures.
- Joint filling applications should not start before 24 hours for vertical joints and 48 hours for horizontal joints.
- **DERZFLEKS** should not be used on surfaces that are subjected to constant pressure of more than 100 bars and on hygienic areas.
- **DERZFLEKS** should not be used on areas with floor heating that are suitable for deformation.
- Tools must be cleaned with water before residues fully cure.

### HEALTH & SAFETY

- Contains cement. Incase of contact with skin and eyes, wash with plenty of water.
- Protective mask should be worn during the preparation of the product.

### TECHNICAL SERVICES

Our technical support team is ready to answer all your questions concerning our product line.

For additional information, please contact our headquarters.

Material Safety Data Sheet of this product can be obtained from [info@inka.com](mailto:info@inka.com) or from our regional sales representatives.





consumption table

tile dimensions	2 mm <sub>gr/m<sup>2</sup></sub>	3 mm <sub>gr/m<sup>2</sup></sub>	4 mm <sub>gr/m<sup>2</sup></sub>	5 mm <sub>gr/m<sup>2</sup></sub>	6 mm <sub>gr/m<sup>2</sup></sub>
10 x 10	500	700	1000	1250	1500
10 x 20	350	550	750	950	1150
15 x 15	300	450	600	800	950
15 x 20	250	400	550	750	900
20 x 20	250	350	500	700	800
20 x 25	200	350	500	600	750
20 x 30	200	300	450	550	650
20 x 30	150	250	350	450	550

Consumption values are approximate.

Consumption may vary depending on the size of the materials being fixed and condition of the joints.

