IZOELASTIC

Two component, waterproof and cement-based material, elastic, with protective function for terraces, foundations, swimming pools and base-
ments.

CHARACTERISTICS
Two component, cement-based waterproof, with inerts of selected granulometry, special additives and synthetic polymers in water-disper-
sion. By mixing the two components, you will get a mixture that can be applied even in vertical surfaces, in a thickness up to 1mm per layer. Thanks to its high content of synthetic resins and their qualities, it guar-
antees an excellent adhesion in all concrete, brick and ceramic surfaces (pre-prepared). After solidification, it creates a waterproofing and elas-
tic layer, which is resistant to atmospheric agents.

AREA OF APPLICATION
● To lay waterproofing membranes prior to tiling, indoor and outdoor.
● Flexible and elastic protection towards water and humidity for con-
crete and plaster surfaces. The bigger the water pressure, the thicker should be the application of the product.
● Waterproofing and protective coating for concrete surfaces that are subject to chemical aggression, such as: antifreeze salts, sulfates, etc.
● Waterproofing and elastic leveling of cracked plasters.
● Waterproofing and protective coating for wall foundations.
● Suitable for the waterproofing of surfaces which are subject to vibra-
tions and various deformations.
● Waterproofing of pools with matured concrete (over 45 days).

APPLICATION PROCEDURE
Preparation of the support
Cement floors in balconies, terraces and pools. The surface which will be waterproofed should have a suitable slope and should be free of holes (holes should be covered with FIBREN GP – 70). If there are wire or iron residues sticking out of the concrete or wall, cut them in a 2 – 4 cm depth and then cover the opened hole in the above described manner.
The surface which will be treated should be completely dry, clean, re-
sistant and stable. For the waterproofing of old basements in old build-
ings, remove any existing plaster up to a 30 cm height over the moisture level, and then proceed as described previously. In cases of overlapping tiles on existing ceramic tiles, make sure they are firmly attached; then, clean and prepare the surface of the old floor carefully, firstly with a suitable detergent and then with FUGA CLEAN. Plasters should be ma-
tured (7 days for every cm of thickness) with an appropriate adhesion in the support and should have a good mechanic resistance. The surface which will be treated should be completely clean and stable. Sprinkle the surface which will be waterproofed with water, before the applica-
tion of IZOELASTIC.

APPLICATION
Pour component B (liquid) into a clean and suitable container; then, slowly add component A (powder), by mixing them mechanically. Stir carefully with a mechanic, low-speed agitator, until you see the crea-
tion of a homogeneous mixture. Manual preparation of the mixture is not recommended. APLICATION of the material is made with brush or roller in several layers, depending on the protection we want to ensure against water. The material is applied in 1mm per layer. The following layer is applied after the previous layer has dried completely. After the application of the material, you should protect it from high tempera-
tures, rain, etc. In the connecting angles of floors and walls or in sur-
faces with a lot of compression and micro-cracking, IZOELASTIC needs reinforcement, i.e.: covering the surfaces with a mesh tape with fibers of 10 cm, and if the surface is very defective, then cover it completely with glass fiber mesh from 65 - 125 gr per m². Mesh is also used for pools and terraces.

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## TECHNICAL DATA
(at 23°C and 50% U.R)

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Form</strong></td>
<td>Powder</td>
<td>liquid</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Grey</td>
<td>White</td>
</tr>
<tr>
<td><strong>Volumetric measure</strong></td>
<td>1.5 gr/cm³</td>
<td>1.1 gr/cm³</td>
</tr>
<tr>
<td><strong>Dry residue</strong></td>
<td>100%</td>
<td>50%</td>
</tr>
<tr>
<td><strong>Combustibility</strong></td>
<td>incombustible</td>
<td></td>
</tr>
<tr>
<td><strong>Mixture color</strong></td>
<td>Grey</td>
<td></td>
</tr>
<tr>
<td><strong>Mixing ratio</strong></td>
<td>25</td>
<td>10</td>
</tr>
<tr>
<td><strong>Consistency of the mixture</strong></td>
<td>painted with brush</td>
<td></td>
</tr>
<tr>
<td><strong>Working time</strong></td>
<td>≥60 min</td>
<td></td>
</tr>
<tr>
<td><strong>Volumetric measure of mixture</strong></td>
<td>1.7 gr/cm³</td>
<td></td>
</tr>
<tr>
<td><strong>Application temperature</strong></td>
<td>from +8°C to +30°C</td>
<td></td>
</tr>
<tr>
<td><strong>Maximal thickness per layer</strong></td>
<td>1 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Time between layers</strong></td>
<td>4-5 hours</td>
<td></td>
</tr>
<tr>
<td><strong>Time for tiling</strong></td>
<td>24 hours</td>
<td></td>
</tr>
<tr>
<td><strong>Shelf-life storage</strong></td>
<td>12 months</td>
<td></td>
</tr>
</tbody>
</table>