

## Isolion "IZOWEST-GOLD"

### Adhesive mortar for exterior insulating panel and smoothing coating

<p>Product Description</p>	<p>&gt;"Isolion IZOWEST-GOLD" is a high-performance, single-component, cement-based and polymer-based adhesive mortar reinforced with chemical additives, for bonding exterior insulation panels such as XPS, EPS, rock wool and rock wool. glass. Also used as a masking coating, for adhesion and masking of fiberglass mesh on insulating panels. It is a dual function product (mortar and plaster).</p>
<p>Application area</p>	<ul style="list-style-type: none"> <li>&gt; Use as an adhesive mortar for EPS, XPS, rock wool and glass wool insulation panels.</li> <li>&gt; Use as a masking compound for adhesion and masking of fiberglass mesh on insulation panels</li> <li>&gt; On horizontal surfaces and vertical</li> <li>&gt; Use indoors and outdoors.</li> </ul>
<p>Features and advantages</p>	<ul style="list-style-type: none"> <li>&gt; Dual function, adhesive mortar and smoothing coating</li> <li>&gt; Thermal shock resistance</li> <li>&gt; Very high adhesion performance and flexible after drying</li> <li>&gt; Ease of preparation and implementation.</li> </ul>
<p>Implementation</p>	<p>Preparation support</p> <p>Before preparing the mortar, check that the application surfaces are sound, solid, smooth and free of all substances such as dust, oils, dirt, rust, or other similar components.</p> <p>In the event of cracks or grooves in the substrate, it should be repaired 3 or 4 days beforehand with an appropriate "ISOLION" repair mortar depending on the nature of the crack.</p> <p>Preparation of the mortar / plaster:</p> <p>Carefully mix a 25kg bag of "Isolion IZOWEST-GOLD" with approximately 5.5 - 6.5 liters of water using a mixer until a homogeneous mixture is obtained without lumps.</p> <p>Warning: after mixing, leave the product to stand for about 5 - 10 minutes, then remix it until you obtain the desired consistency before using it.</p> <p>Application methods for adhesive mortar:</p> <p>First method (recommended): application of the adhesive mortar on the entire surface to be glued of the panel using a notched trowel.</p> <p>Second method: Apply dabs of mortar approximately 10 cm in diameter and approximately 15 mm thick, spaced approximately 30 cm apart using a trowel, on the surface of the panel which will be in contact with the support. The coated surface of the panel should be at least 40%.</p> <p>Application methods for masking coating:</p> <p>After preparing the mixture, apply and spread the first coat of filler using a trowel and float on the surface of the panel until a thickness of 2 to 3 mm is obtained.</p> <p>While the coating is still wet, position your fiberglass mesh from top to bottom inside this first layer, taking care that the rows of mesh overlap by 10 cm between them to avoid possible cracks. afterwards. Apply the second coat after the first has dried to completely smooth the trellis.</p> <p>Wait 2 to 3 days before applying any coat of paint on the plaster.</p>
<p>Cautions and Recommendations</p>	<ul style="list-style-type: none"> <li>&gt; Application temperature between 5°C and 30°C</li> <li>&gt; Do not add cement or water to the preparation after the recommended working time</li> <li>&gt; Not recommended to use the product during strong exposure to the sun and/or wind.</li> <li>&gt; Avoid applying the product to surfaces or supports that are frozen or likely to be frozen, or that have been exposed to the sun for a long time.</li> <li>&gt; Avoid contact with eyes and skin</li> <li>&gt; In case of contact with skin, wash thoroughly with soap and water.</li> <li>&gt; In case of contact with eyes, wash thoroughly with water then consult immediately a</li> </ul>

# Technical sheet

Technical features	Weight	25kg
	Shade	White
	Appearance	Thin powder
	Application Temperature	between 5°C and 35°C
	Water needed for preparation by application	between 5.5 and 6.5 L / bag of 25
	Period of use after preparation	1 to 2 hours
	Standing time after mixing	between 5 and 10min
	Complete drying time	24-48 hours

LEISTUNG	EN 998-1	TS 13566
Adhesion to the insulation board <i>(according to EN 13494)</i>	-	≥ 0,08 N/mm <sup>2</sup>
Water absorption coefficient by capilarity <i>(according to TS EN 1015-18)</i>	≤ 0,5 kg.mm <sup>-2</sup> .min <sup>-0'5</sup> (W0)	
Water absorption <i>(according to EN 12608-5)</i>	-	-
Compressive strength <i>(according to TS EN 1015-11)</i>	≥ 6 N/mm <sup>2</sup>	30 dk. Max. 5 gr 240 dk max 10 gr ≥ 6 N/mm <sup>2</sup>
Bond strength <i>(according to TS EN 1015-12)</i>	≥ 0,5 N/mm <sup>2</sup>	≥ 0,5 N/mm <sup>2</sup>
Cement density Not used <i>(according to EN 1015-10)</i>	1 400 kg/m <sup>3</sup> (±100 kg)	-
Thermal conductivity <i>(according to TSEN1745)</i>	μ	-
Flexural strength <i>(EN 1015-11)</i>	-	Min 2 N/ mm <sup>2</sup>
Reaction to fire	A1 (not-flammable)	A1 (not-flammable)

\*\*\* Test in the laboratory with an ambient temperature of 23°C and a relative humidity of 50%

**Consumption** > between 4 and 5 kg per m<sup>2</sup>

**Packaging** > 25kg Kraft paper bag

**Storage & conservation**

- > Store in a cool, dry place
- > Product storage in its original packaging closed and unopened approximately 12 months.

**Standard** > Complies with TS EN 998-1 and TS 13566 standards