










WORKING PROCEDURE OF BAUMIT INSULATION SYSTEM EPS

Step	Picture	Procedure
<p style="text-align: center;">1 Installation of Base Rail</p>		<p>The basic profile of the strip width (according to insulation thickness) of light, alkaline-resistant metal. Spacing anchors in minimum number 3 pcs / 1m.</p>
<p style="text-align: center;">2 Mixing the Adhesive mortar</p>		<p>6.5 litter water with 25 kg adhesive for glue mixed and blend up to mix receive to elasticity condition, after 3-5 minutes remain mix in air and start again, try to mix all 25 kg glue.</p>
<p style="text-align: center;">3 Applying the Adhesive mortar</p>		<p>The mortar strip seals the back edges of the board to prevent air circulating and the bond strength resists potential curling of the board through shrinkage. Apply 3 equally spaced adhesive mortar dabs through the centre line of the insulation board and a strip around the edge with steel trowel.</p>
<p style="text-align: center;">4 Fitting the Insulation Board</p>		<p>Place the board on to the wall and "wiggle" it into position. The boards tightly together and ensure the surfaces are flush.</p>
<p style="text-align: center;">5 Mechanical fixing of the board</p>		<p>Before the plugs are inserted and after the adhesive has hardened (after 1 day) the panel joints are sanded down until they are level smooth. The fixing anchors are placed at each corner and T-joints of the insulation boards with one anchor in the middle of each board.</p>
<p style="text-align: center;">6 Installation of Corner profile with mesh</p>		<p>Corners of buildings, window and door frames should be protected corner molding of aluminum, rails are mounted suitable mortar. The easiest way is to use corner molding with integrated mesh.</p>
<p style="text-align: center;">7 Additional reinforcement Fibreglass Mesh</p>		<p>The insulation layer must be stable, dry and free of dust, dirt or loose materials. The insulation layer must be flat. All sealing details should be completed. The base coat must have a uniform thickness throughout. The reinforcing mesh must lie flat in the top third of the base coat thickness and an overlap of min. 100mm is required between adjoining mesh sheets and mesh strips on beading. Lay the reinforcing mesh sheets on to the mortar and lightly trowel over the surface from the middle outwards to avoid creasing.</p>
<p style="text-align: center;">8 Applying the UniPrimer</p>		<p>After 3 days in warm weather and 6 days in cold weather the mentioned surface smoothing and base coloring start. The render base coat should be primed with Universal Base for ready mixed finish renders. This can be applied with a roller or brush and can be diluted with a small amount of water. The primer will equalize background suction which helps to create a uniform finish render coat. The Primer should dry for at least 24 hours.</p>
<p style="text-align: center;">9 Finish coat renders</p>		<p>After 24 hrs, apply the finish plaster to the mentioned surface. The finish plaster must be mixed correctly with electrical mixer and then apply with steel trowel to the surface. Quickly and without any lost time other colleagues stroke the finish coat render with plastic trowel to make a jagged surface. This is mentionable that the customer can choose its desirable color up to 200 colors.</p>