

ANGULAR CORRUGATED CLEAR GLASS

HEXAGONAL



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1. DATA AND DOCUMENTATION

Code	Description	Colour	Dimensions (mm)	Weight	Pkg. / Pallet
VET09-5006C	Angular Hexagonal	-	145 x 110 x 190	1.60 kg/pc.	8 pcs. / 600 pcs.

MATERIAL Made of cast glass, laminated and side-painted to increase its lustre.

2. USE

Used to finish glazed surfaces and improve their appearance.

The installation consists of three successive stages:

1. preliminary phase
2. installation phase
3. finishing phase

It is essential to support and anchor the walls to suitably sized rigid load-bearing structures, perimetrating them with suitable rot-proof materials of such thickness, density and hardness as to absorb expansion and any structural sliding or settlement.

PRELIMINARY PHASE



1. Check the horizontality and verticality of the structures to which the work will be supported. Lay two wooden battens horizontally on the elevation plane of the wall to be executed. The battens must follow the track of the wall and will be spaced by the same measure as the thickness used. Place the vertical rails plumb, 100/120 cm apart, so that the wall is vertical. It is important that the wall is perfectly vertical in order to avoid eccentric loads.
2. Insert a sliding joint inside the horizontal strips to prevent expansion/friction between the base plinth of the panel and the supporting surface. Provide expansion/ settlement joints on the sides and at the panel support points.
3. Use a trowel of sufficient length to work easily between the vertical reinforcement bars. Place cement mortar between the base strips to a thickness of no less than 3 cm and, in any case, depending on the height of the Vetromattoni wall. Position the first row of Vetromattoni.

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INSTALLATION PHASE



4. Run the first course perfectly level.
Spacing the elements, using **spacers** to achieve even joints.
Place the mortar in the vertical space between the glass bricks of the course already laid, temporarily removing the spacer to allow for the operation

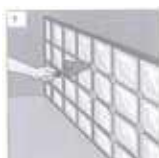


5. Place **the reinforcing bar** on the central flap of the spacer so as to avoid contact with the side of the brick. Lay the mortar, leaving parts of the spacer free.
Ensure that the Vetromattoni are surrounded **on all sides** by well-compacted and distributed mortar and avoid direct contact with load-bearing structures.
Insert the **smooth steel bars** vertically and horizontally at a distance of 50 cm from each other. Use a piece of wood to remove excess material from the joints **before it hardens**, thus preparing them for finishing.
Wipe the surface of the glazing with a dampened sponge to remove residues of laying mortar.
If the wall reaches up to the ceiling, position the expansion/ settlement joint in the same way as on the sides.



6. In order to provide small and medium-sized walls with the necessary stability, they should be fixed to the adjacent load-bearing structures, with horizontal rods being inserted into the structures themselves. These bars should fit into holes slightly larger in diameter than the rebar for a sufficient length to prevent tilting, through the expansion/settlement joint.
In the case of large walls, the use of U-shaped metal profiles, dowelled or welded to adjacent load-bearing structures, is more appropriate.
To prevent the metal from touching the glass blocks, place the first vertical row of glass blocks at a distance of at least 10 mm from the profile wings.
With this solution, the expansion/ settlement joint will have to be placed inside the profile.

FINISHING PHASE



7. Only proceed with **joint** finishing when the laying mortar has **hardened**.
Remove the outer plates of the plastic spacers with a tool that does not scratch the glass surface.



8. Spread the finish by filling the joints well with **spatulas and soft trowels**.
Make a perimeter bead, or part of the outer joint, with an **elastic sealant** to prevent cracking along the expansion/ settlement joints.
In the case of walls **heavily exposed to water**, paint the joints with **transparent protective products** in order to increase water resistance.

3. SPECIFICATION ITEM

Entry	Description	Unit	Price
Dak.I.VET09.5006C	Supply and installation of glass block produced according to high quality standards that guarantees the maintenance of its characteristics (transparency, gloss, colour) over time. Made of cast glass, laminated and side-painted to increase its lustre. Used to finish glazed surfaces, improving their aesthetic appearance. Dimensions 145 x 110 x 190 mm.....	pc.	-