

DW CONEXION 77



Unit of measurement	Pieces/Pallet	Consumption	Color/Other specifications
25 kg/sack	54 pcs/pallet	3 - 5 kg/m ²	Grey White



DW CONEXION 77

Prepared, grey and white cement-based mortar, composed from Portland Cement with excellent qualities, carbonate stone filler with selected granulometry, synthetic resins and special additives, which improve the workability, adhesion and increase the hydrophobicity of the dry mortar.

AREA OF USE

DW CONEXION 77 serves for the adhesion of all types of panels that are generally used for the realization of thermal insulation systems, such as: styrofoam, graphite, mineral fibers panels in brick walls, concrete or cement-based mortar.

APPLICATION PROCEDURE

Surface preparation

The supports must be compact, seasoned and steady, without cracks, oils, paints or detachable parts. Check to see if the bricks are securely attached and do not have parts that can detach. If there are such parts, remove them repair surface with mortar. Walls that are coated with grout must be scraped in order to verify if the surface under it was painted with old and badly attached paints, or if there are detachable parts. Powdered surfaces should be treated with Tecnofix Liquid primer. Superficial cracks can be caulked with DW Conexion 77, while deep structural cracks should be treated in a way to eliminate the causes and not repeat them. If the surface is not flat or straight, it should be flattened or made straight using Tecnofix.

APPLICATION

In order to achieve a steady installation, before you start to adhere panels, it is necessary to fix metallic profiles as leveling fasteners. For installations in irregular surfaces, such as unplastered brick walls, the adhesive is applied with a trowel, by putting it as a tape at the edges of the panels' sideways contours, and some drops in its center (or forming an X in the center of the panel) in a certain thickness so as to compensate unevenness. For applications in flat surfaces, it is recommended to spread the adhesive in the entire surface of the panel through a notched trowel (from 8 up to 10 mm). Caution must be paid to the surface covered with adhesive, which should be at least 40 % of the total panel surface. Panels should be installed in horizontal direction, starting from down and continuing up. Caution to the panels' joints; do not leave empty spaces or unevenness. Then, proceed with the mechanic fixation of wall anchors (for usual panels 50 x 100 cm, it is recommended to pour 8 adhesive drops for meter square).



TECHNICAL DATA

Form	Powder
Color	Grey/White
Granulometriy	≤ 0.7 mm
Water for mixing	26% (± 1%)
pH of mixture	>12
Pot life	4 hours
Application temperature	5°C to 35°C
Consumption for mm thickness	1.4 kg/m ²
Storage	12 months, in original packaging and dry place

FINAL DATA

Resistance to moisture	Good
Deformation	Non deformable
Adhesion strength to concrete	≥ 2,0 N/mm ²
Adhesion strength after heat	≥ 1,0 N/mm ²
Adhesion strength after water immersion	≥ 1,0 N/mm ²
Compression resistance	≥ 9,0 N/mm ²
Flexibility	≤ 2.5 mm
Flexural resistance	≥ 4,0 N/mm ²

The above data are applicable in temperatures from (23 ±2°C) and in (50 ±5) % relative humidity. Lower temperatures prolong the time of maturity and solidifying.

