

## DW CONEXION PLUS

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



### DW CONEXION PLUS

Serves to fix the thermal insulation panels EPS, mineral panels, and to apply a thin layer reinforced with mesh for the thermal insulation of buildings.

### CHARACTERISTICS

- No need to apply a primer before applying the product
- Lower consumption
- High adhesion
- Allows vapor diffusion
- Flexible
- Resistant to cracking
- Resistant to weather conditions

### AREA OF USE

Conexion Plus is a cement- based adhesive for bonding and EPS panels and mineral panels in DAST ETICS (external thermal insulation systems). DW Conexion PLUS is used to bond thermal insulation panels in new facilities, as well as in existing facilities which will renew their facades with thermal insulating system.

### APPLICATION PROCEDURE

#### Surface preparation

DW Conexion PLUS has very good adhesiveness in surfaces such as wall, plaster and cement- based surfaces; surfaces should be free from grease, bitumen, dust and other substances that lower adhesive strength. Adhesiveness in existing mortars and paint coatings should be checked prior to start the application. In case of microbiological contamination with mushroom, moss and algae, the surface of the façade should be cleaned with metal brush and then treated with a solution against these microbes. Old plastered walls, hard mortars and paint surfaces should be abraded, then washed with water pressure and left until they get completely dry.



### APPLICATION

DW CONEXION PLUS should be poured in the determine quantity of cold and clean water, and should be stirred through an agitator, until a homogeneous mixture is formed. The ready-to-use mortar should be applied with a trowel throughout the edges of the panel in a strip of 3 ÷ 4 cm wide and approximately 8 cm long, in some parts of the panel. Immediately after that, the EPS panel should be fixed in the wall through some small strikes. The applied mortar, as known, when mounted, should minimally cover 40% of the panel surface. In cases of plastered surfaces, it can be applied by a notched trowel, with 10 - 12 mm a notch. Panels should be tightly fixed with one-another, just like a "brick wall". When EPS panels are mounted, after approximately three days, every type of unevenness in the panels should be eliminated using an abrasive paper, and then it should be reinforced with plastic or mechanic wall anchors. The number of wall anchors should minimally be 4 pieces for m<sup>2</sup>.

### CONSUMPTION

Approximate consumption:

Fixing EPS panels: approx. 3.5 kg/m<sup>2</sup>

Leveling layer: approximately 3.0 kg/m<sup>2</sup>

### PACKAGING

CONEXION PLUS is supplied in paper sacks of 25 Kg.

### SHELF-LIFE - STORAGE

12 months after production date, if the product is stored in original packaging and normal environment, protected from direct exposure to sun and frost.



#### TECHNICAL DATA

Form	Powder
Color	White
Bulk density of dry material	1350 gr/L
Water demand	24-25%
Bulk density of fresh material	1550 gr/L
Lifespan of prepared mortar	4 hours
Application temperature	+5°C to +35°C
Pot life EN 1346	≥ 20 minutes
Correction time	≥ 30 minutes
Adhesive strength	≥ 0,5 N/mm <sup>2</sup>
- After normal condition	≥ 1.0 N/mm <sup>2</sup>

