

## DW CONEXION 55



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



### DW CONEXION 55

Cement-based adhesive, for the adhesion of thermal insulation EPS panels.

### CHARACTERISTICS

- High adhesion to mineral substrates and EPS panels
- Very good workability
- Resistant to weather conditions

### AREA OF USE

DW Conexion 55 is cement- based adhesive for bonding EPS panels in DAST ETICS (external thermal insulation systems). DW Conexion 55 is used to attach EPS insulation panels in new facilities, as well as in existing buildings that will renovate facades with insulating system.

### APPLICATION PROCEDURE

#### Preparation of the surface

DW Conexion 55 has very good adhesiveness on surfaces such as wall, plaster and cement- based surfaces which must be free of grease, bitumen, dust and other substances that reduce adhesive strength. Prior to application, check adhesiveness in existing mortars and paint coatings. In the case of microbiological contamination with mushroom, moss or algae, the surface of the facade must be cleaned with a metallic brush and then treated with a solution that is anti these microbes. Old plastered walls, strong mortars and paint surfaces should be abraded, then washed with water pressure and left until completely dry. Surfaces of high water suction, such as walls made of airy concrete blocks or silicate blocks should be treated with the primer BETON CONTACT and left to dry for at least 4 hours.

### APPLICATION

DW Conexion 55 should be poured in the determined quantity to the cold and clean water and should be stirred with an agitator until a homogeneous mixture is created. The ready-to-use mortar should be applied with a trowel along the edges of the panel and a tape of 3 ÷ 4 cm

wide and approximately 8 cm long should be applied in some parts of the panel. Immediately after that, EPS panel must be fixed to the wall through a few small strokes. As it is known, the applied mortar, when installed, should cover at least 40% of the surface of the panel. In cases of plastered surfaces, it can be applied through a notched trowel, with 10 - 12 mm a notch. Panels must be tightly fixed with one-another, just like a "brick wall". When EPS panels are mounted, after approximately 3 days every type of unevenness in the panels' leveling is eliminated with abrasive paper, and then 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. 4.0 Kg/m<sup>2</sup>  
Leveling layer: approx. 3.0 Kg/m<sup>2</sup>

### PACKAGING

DW CONEXION 55 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	Grey/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 13498	≥ 20 minutes
Correction time	≥ 30 minutes
Adhesion strength	
- After normal condition	≥ 0,5 N/mm <sup>2</sup>

