



## **HANDLING OF POLYSTYRENE PANELS**

**EPS S 035 FASADA, EPS S 033 FACADE, EPS S 031 FACADE, EPS 70 031 ROOF/FLOOR, EPS 100 030 ROOF/FLOOR, EPS P 100 030 FOUNDATIONS**

### **Transport and storage**

Due to their grey colour\* EPS S 035 FACADE, EPS S 033 FACADE, EPS S 031 FACADE, EPS 70 031 ROOF/FLOOR, EPS 100 030 ROOF/FLOOR ORAZ EPS P 100 030 FOUNDATIONS polystyrene panels absorb more sunlight than typical white panels. The panels must be protected from direct sunlight, both during transport and storage.

Without securing the panels may "melt", causing destruction of their structure and distortion of panel dimensions.

\*Due to different types of raw material, the panels may have different shades of grey.

### **Installation**

EPS S 035 FACADE, EPS S 033 FACADE, EPS S 031 FACADE, EPS 70 031 ROOF/FLOOR, EPS 100 030 ROOF/FLOOR ORAZ EPS P 100 030 FOUNDATIONS polystyrene panels must be protected from the sun also during installation. One way of ensuring such protection is to use safety nets on scaffolding.

Insulation works should preferably be carried out at temperatures between +5 and +25°C (also take into account the recommendations of the adhesive manufacturer). This should also be the temperature of the substrate and the installed panels.

The bonding power of adhesive\* applied to EPS S 035 FACADE, EPS S 033 FACADE, EPS S 031 FACADE, EPS 70 031 ROOF/FLOOR, EPS 100 030 ROOF/FLOOR, EPS P 100 030 FOUNDATIONS panels can be slightly lower than in the case of standard polystyrene panels.

In order to check the bonding power of the adhesive mortar to the panels and the substrate, the panels can be glued to the substrate and a tear-off test can be carried out after a few days (depending on the time needed for the adhesive to set and reach full strength). If the tear occurs at the thickness of the panel, it can be assumed that the adhesion is sufficient. If a panel (or parts of it) is torn off from the wall with adhesive mortar left on the wall, the structure of the panel surface must be improved by grinding.

\*Use an adhesive designed for the given type of polystyrene.

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