

STP HOOD SOLUTION

The material is multilayer, consists of the facing coating, ductile polyurethane foam and the adhesive layer covered with anti-adhesive coating.

Exploitation temperature range is from -45 to +100 °C.

Technical Requirements

The material is produced in the form of sheets or details (according to customer's drawings).

The material is made of ductile polyurethane foam of apparent density of 25^{+5}_{-3} kg/m³. It is allowed to use polyurethane foam of other density not causing deterioration of the material properties.

As the facing coating, perforate PVC film of different colors, metallized lamsan film, textile sheet and aluminium foil can be used. By agreement with the customer, other materials can be used for the facing coating.

The adhesive mounting layer is based on water acrylic dispersions of various compositions depending on the mounting surface type and exploitation conditions, guaranteeing appropriate adhesive properties. To protect the adhesive layer, siliconized polyethylene terephthalate film is used. It is allowed to use other anti-adhesive materials guaranteeing the observance of the present TS.

Transportation

Material packages must be transported horizontally in any roofed transport in compliance with the current haulage rules for this mode of transport under the conditions eliminating mechanical damages, deformation and moisture penetration. The material must be transported in piles of not more than 2 meters in high. A pile must not be put closer than 5cm to the vehicle side. It is forbidden to put foreign objects on piles.

Storage

The material must be stored in piles in closed warehouses on shelves, in containers or on trays on plane surfaces at temperature not higher than 30°C not closer than 1 m to heating appliances, under conditions eliminating moisture or oil penetration and exposure to sunlight. Packaging piles must not be higher than 2 m.

Material usage, installation and exploitation

The material can be installed on plane and curved surfaces with curvature radius not less than 100 mm. The material must be installed at temperature of (20 ± 5) °C and humidity of 60-70%. In case the material is installed on a complex surface, the installation conditions are to be agreed with the supplier; if necessary, the detail is to be incised.

Preparation for installation

In case the material is stored or transported at temperature lower than +10 °C, it must be kept at temperature of (20 ± 5) °C for minimum 24 h before installation.

Installation

The material must be installed on a clean and dry surface. Oiled surfaces must be unoled with mineral spirit, benzine or other solvents and dried before installation.

Before installation, the anti-adhesive film should be removed by pulling the piece of adhesive tape on the short side of the detail.

One side of the material should be put on the mounting surface and pressed to it step-by-step, avoiding air blisters formation. To adhere the detail firmly, it is necessary to press it to the surface with hands or with a roller, especially on its edges.

The material must not be stretched in order to avoid shrinkage after installation.

Exploitation

The material should be used under conditions eliminating constant contact with water and organic solvents.

True docket
Quality Control Department Specialist
LLC “Standartplast”

