



PRODUCT DATA SHEET

Update date September 2020

1. Product manufacturer:

Bella Plast Sp. z o.o. s.k.
ul. Długa 86,
05-075 Warsaw – Wesola
POLAND

2. Product name: **PVC corner beads with fiber glass mesh**

3. Product classification according to Polish Classification of Goods and Services (PKWiU): 22.23.19.0

4. Technical characteristics

The PVC corner bead with mesh is made of hard polyvinyl chloride with addition of modifiers increasing their mechanical resistance and UV AB stabilisers.

5. Purpose and scope of application of the product.

The BP10 PVC corner bead with mesh should be installed in the external corners of the insulation façade using the light-wet method (ETICS: External Thermal Insulation Composite Systems). For proper installation, the fiber glass mesh, which is provided with an angle, should be sunk in an adhesive designed to mount the fiber glass net to polystyrene or glass wool. The adhesive should be spread on the surface of polystyrene or wool with a special trowel, making sure it is evenly distributed. Then, the glass mesh coming from the BP10 corner bead should be melted into the adhesive and immediately covered with the system glass façade mesh overlap of 10cm. This operation should be carried out in one action so that both glass meshes (mesh from the corner bead and system mesh) are sunk in an adhesive forming one layer (structure).

Once the adhesive has dried, plastering can be started.

It is not allowed to use the above mentioned BP10 corner beads with glass mesh with polyurethane foam (PU).

The PVC corner beads with mesh are intended for use in residential and public buildings to the extent resulting from their technical properties.

Corner beads are used only to strengthen and stabilize external angles (corners) in the ETICS thermal insulation façade using thermal cladding: polystyrene and mineral wool.

The installation of the corner beads should be done in the external part of the facade.

Bead processing.

The cut to size can be made with a fine-toothed hand saw or a shear.

Protective gloves and goggles should be used due to the processing of the glass mesh.

If glass fibres come into contact with the eye or skin, it is essential to see a doctor.

6. Assortment

The BP10 PVC corner beads with mesh are produced in lengths:

-2500mm 3000mm; . available width of glass mesh 20cm and 25cm (total width of glass mesh).

7. Packing, storage, transport.

The PVC corner beads are packed in cardboard boxes protecting them from damage during transport.

Number of pieces in a collective package: 50.

Storage: maximum number of layers: 15.

Storage: dry, cool place with even surface.

8. Chemical resistance

The product does not react chemically with any solid building material that can be found on the construction site. It's resistant to aging. Not biodegradable in humid environments.
It is not resistant to organic solvents such as acetone or benzene.

9. Additional information

The product complies with the following documents:

National Technical Assessment ITB-KOT-2017/0249 2nd edition - issued by Building Research Institute in Warsaw, expiry date 30.09.2025.

Hygienic Certificate: BK/B/0823/01/2018 - issued by PZH - National Institute of Hygiene in Warsaw
National Declaration of Performance No. DWU/3/2020

For compliance,

Piotr Szabelewski
Director
Bella Plast sp. z o.o. s.k.