PRODUCT DATA SHEET

Update: 02.01.2023

1. Product manufacturer:

Bella Plast Jastrzębski I Wspólnicy sp.k..
Długa street No. 86,
05-075 Warszawa – Wesoła, Poland

2. Product name: **BP14 LUX, BP14ECO PLUS, BP14 LUX N, BP14 PLUS N, BP14 LUX COK - PVC drip nose beads with fibreglass mesh for External Thermal Insulation Composite Systems - or ETICS.**

3. PCGS product classification: 22.23.19.0

4. Technical specifications

PVC drip nose beads with fibreglass mesh are made of hard polyvinyl chloride with the addition of plasticisers which increase their mechanical resistance as well as UV stabilizers.

5. Intended use and application range of the product.

PVC drip nose beads with fibreglass mesh - BP14 LUX, BP14 LUX N and BP14 ECO PLUS, BP14 PLUS N, BP14 LUX COK - be installed in places where it is required to evacuate water away from the surface of an ETICS façade, such as under the terrace, balcony, cornice, above the window, plinth and other places where water flowing down the façade may penetrate under the outwardly projecting parts of the façade. For proper installation, sink the fibreglass mesh - which the drip nose bead features - in the adhesive intended for the installation of fibreglass mesh on extruded polystyrene or glass wool. The adhesive should be spread over the surface of extruded polystyrene or wool using a special trowel, making sure to distribute it evenly. Then sink the drip nose bead and the fibreglass mesh on the drip nose bead into the adhesive and immediately cover this mesh with façade system fibreglass mesh, leaving an overlap of 10 cm. This operation should best be carried out best in a single step, so that both fibreglass meshes (mesh from drip nose bead and the façade system mesh) are embedded in the adhesive forming a single layer (structure).
Start plastering when the adhesive has dried. In case of BP14 LUX and BP14 LUX N drip nose beads, the plaster should be distributed in such a way that the whole area in the drip nose bead intended for plaster is filled (as per the drawing, see 10. Drawings). Such plaster trowelling will cover the BP14 LUX and BP14 LUX N drip nose bead underneath the plaster over its full length so that it is not visible to an outside observer.
BP14 ECO PLUS and BP14 PLUS N drip nose beads, after plastering (as shown in Drawing 2.) will remain visible to an outside observer. BP14ECO PLUS and BP14 PLUS N drip nose beads feature a protective film on the element, which will remain visible after plastering the drip nose bead. The film protects that element against contamination with glue and plaster. It is recommended to remove the film directly after completion of diagnose bead plastering.
BP14 LUX, BP14 LUX N and BP14 ECO PLUS, BP14 PLUS N PVC drip nose beads with fibreglass mesh are not symmetrical and can only be positioned in one proper position (see 10. Drawings - view of vertical - horizontal orientation).
These PVC drip nose beads must not be installed using polyurethane foam (PU).
Spot gluing of these PVC drip nose beads is not allowed - a PVC drip nose bead with fibreglass mesh must be fixed on a continuous layer of glue for fibreglass mesh sinking, used in External Thermal Insulation Composite Systems - or ETICS.
It is recommended to use the BP14 LUX COK dripnose bead for the aluminium starter strips. The BP14 LUX COK bead should be glued down from the bottom to the aluminium starter strip using a special foam adhesive tape that is included on the BP14 LUX COK bead. Then, glue the fibreglass mesh mounted on the BP14 LUX COK bead to the surface of the thermal cladding with glue for embedding the fibreglass mesh into the insulated render, overlapping the mesh by 10cm with the façade fibreglass mesh and draw both meshes with adhesive. The BP14 LUX COK bead provides a very aesthetic, even finish of the lower part of the façade in the form of a solid PVC dripnose bead and, above all, eliminates frequent plaster breaking at the edge of the aluminium starter strip and structural plaster.

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

The beads are used exclusively for water evacuation from the in thermal insulation of an ETICS (External Thermal Insulation Composite Systems) façade, with the use of thermal cladding: extruded polystyrene, mineral wool.
The assembly of the strip should be carried out in the external surface of the façade.

Treatment of strips.
Trimming can be done with a fine-toothed hand saw or scissors.
Due to the presence of fibreglass mesh, protective gloves and protective glasses should be worn.
In case of contact of glass fibres with eyes, respiratory system, digestive system or skin, it is absolutely necessary to consult a physician.
6. Equipment

PVC drip nose bids with fibreglass mesh BP14 LUX, BP14 LUX N and BP14 ECO PLUS, BP14PLUS N , BP14 LUX COK are available in the following lengths:
2000 mm, 2500mm 3000 mm

7. Packaging, storage, transportation

PVC drip nose bids with fibreglass mesh are packed in cardboard boxes protecting the beads against damage in transportation.
Number of pieces in one cardboard box: 25.
Storage: maximum number of layers: 15.
Storage: dry, cool place with an even surface.

8. Chemical resistance

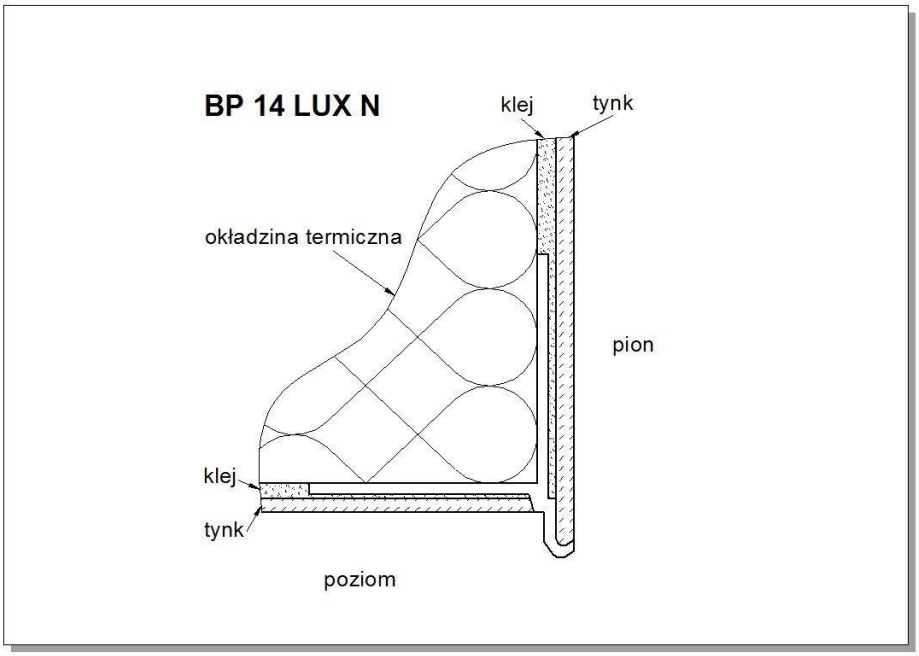
The product does not react chemically with any solid construction material that can be found on the construction site. The product is resistant to ageing. The product is not biodegradable in a humid environment. The product is not resistant to organic solvents such as acetone, benzene.

9. Additional information

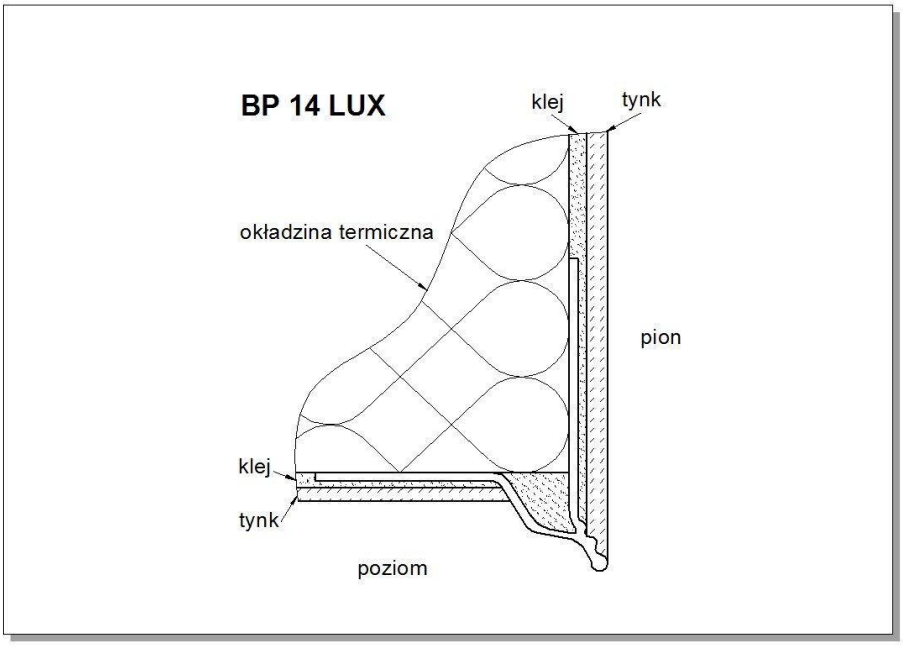
The product conforms with the following documents:

NATIONAL TECHNICAL ASSESSMENT ITB-KOT-2017/0249 Date: 12.12.2017 edition 2 - (published by the Building Research Institute [Instytut Techniki Budowlanej] in Warsaw)
HYGENIC APPROVAL no. B/BK/60111.0586.2023 of 24 August 2023 (issued by the National Institute of Hygiene [Instytut Higieny] in Warsaw, POLAND)

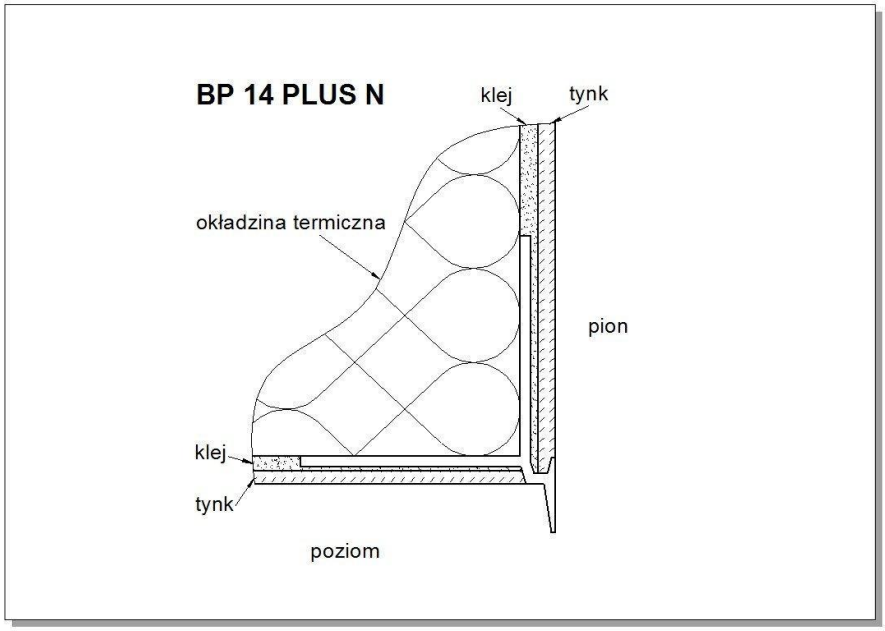
10. Drawings



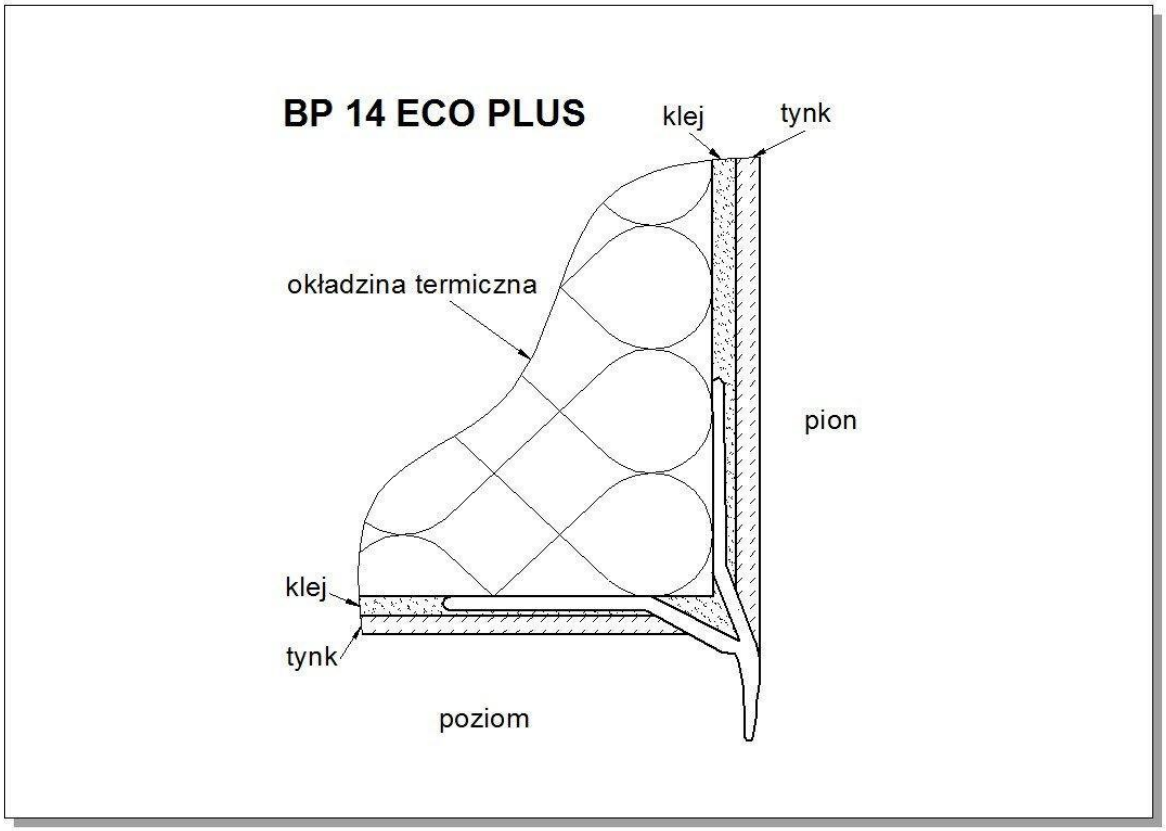
Okładzina termiczna	Thermal insulation cladding
Klej	Adhesive
Tynk	Plaster
Pion	Plumb
Poziom	Level



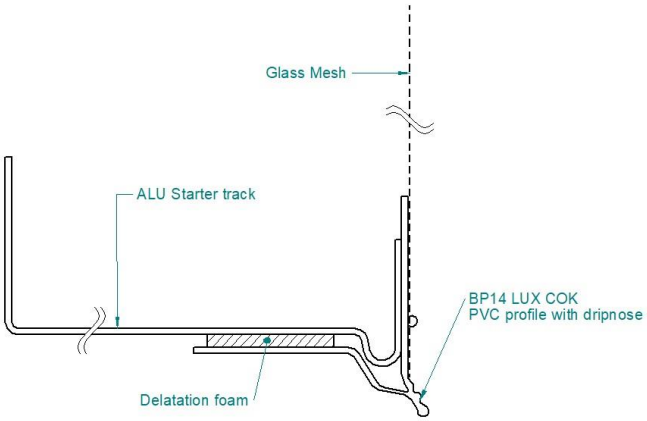
Okładzina termiczna	Thermal insulation cladding
Klej	Adhesive
Tynk	Plaster
Pion	Plumb
Poziom	Level



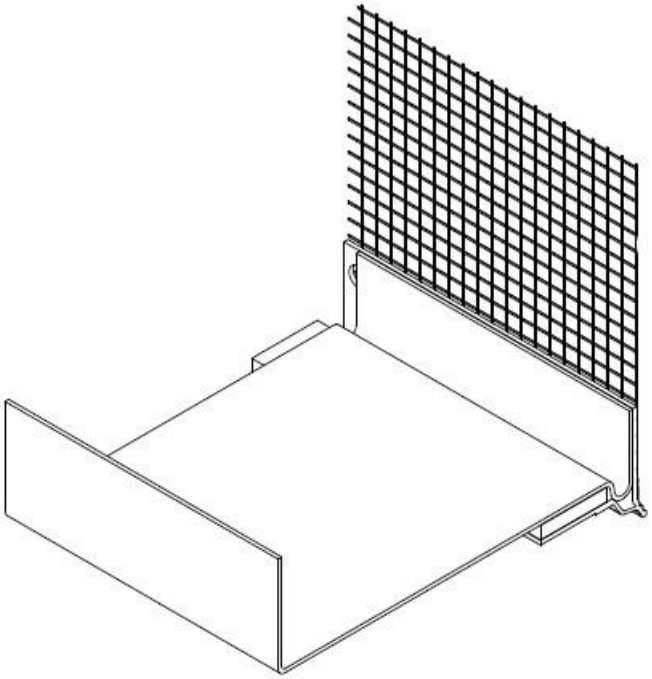
Okładzina termiczna	Thermal insulation cladding
Klej	Adhesive
Tynk	Plaster
Pion	Plumb
Poziom	Level



Okładzina termiczna	Thermal insulation cladding
Klej	Adhesive
Tynk	Plaster
Pion	Plumb
Poziom	Level



BP14 LUX COK



BP14 LUX COK