



Bella Plast Sp. z o.o. S.K.

Manufacture of plastic profiles

Registered office: 05-075 Warszawa - Wesola, Długa street No. 86
Company offices and storage facility: 05-074 Długa Kościelna, Szczęśliwa street No. 51
Tel. +48 22 783-64-64, +48 22 783-65-05, Fax. +48 22 783-65-89
<http://www.bellaplast.com.pl>; e-mail: biuro@bellaplast.com.pl
NIP 952 - 215 - 49 - 13 REGON: 366130093 KRS 0000714031

Warsaw - Wesola, dated 14.05.2021

NATIONAL DECLARATION OF PERFORMANCE DWU 4/2021

1. Product manufacturer:

Bella Plast Sp. z o.o. S.K.
Długa street No. 86,
05-075 Warszawa - Wesola
POLAND
NIP 952 215 49 13
REGON 366130093
Manufacturing facility
05-074 Długa Kościelna
Szczęśliwa street No. 51

2. Name of products:

1. **Generic type of the product:** 1) Bella Plast E.T.I.C.S. - a heat-insulating composite heat cladding system); 2) Bella Plast plasterboard finishing profiles; 3) Bella Plast wet plaster finishing profiles; 4) stoneware expansion joint strips; 5) Aluminum fixing strips
2. **Trade name and designation of the product:**

1) Bella Plast finishing profiles for building thermal insulation systems BSO (E.T.I.C.S.):

- a) BP13 (9mm/6mm) PVC expansion joint strip for use between window frame and plaster, with seal and fibreglass mesh
BP13 MIDI (9mm/3mm) PVC expansion joint strip for use between window frame and plaster, with seal and fibreglass mesh
BP13 MINI (BU) (6mm/3mm) PVC expansion joint strip for use between window frame and plaster, with fibreglass mesh, BP13 MINI U (6mm / 3mm) PVC expansion joint strip for use between window frame and plaster, with seal and fibreglass mesh
- b) BP14 LUX, BP14 LUX N PVC concealed drip nose bead with fibreglass mesh
- c) BP14 ECO PLUS, BP14 PLUS N PVC drip nose bead with fibreglass mesh
- d) BP11 H5R, H3R, H2R, H1, H3N, H2N - PVC rustication strip



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- e) BP10 PVC corner bead with fibreglass mesh
- f) BP11 H5RS, H3RS, H2RS, H1S, H3NS, H2NS, PVC rustication strip with fibreglass mesh
- g) BP15 PCV type E façade expansion joint strip with fibreglass mesh
- h) BP16 PCV type V corner expansion joint strip with fibreglass mesh
- i) BP20 PVC under-sill expansion joint strip with fibreglass mesh
- j) BP22 PVC 3mm - 10mm finishing profile with fibreglass mesh
- k) BP4 S universal PVC corner bead with fibreglass mesh
- l) BP11 Ł H PVC connectors for BP11 rustication strip
- m) BP11 K H3 WEW corner bead for BP11H3N and BP11H3NS rustication strip
- n) BP11 K H3 ZEW corner bead for BP11H3N and BP11H3NS rustication strip
- o) BP11 MINI, BP11 MINI MAX - PVC MINI rustication strip with fibreglass mesh
- p) BP11 MINI CC, BP11 MINI MAX CC, BP11 H1 CC, BP11 H2 CC - cross profiles for rustication strips
- q) BP11 MINI TC, BP11 H1 TC, BP11 H2 TC - "T" shaped connectors for rustication strips.
- r) BP11 HTS - triangular PVC rustication strip
- s) BP10 (S) Arch (d.BP3 S)- PVC arched corner bead with fibreglass mesh
- t) BP14 LUX COK - PVC drip nose plinth bead with fibreglass mesh for use on plinth
- u) BP23 S - reinforcement corner bead with 4mm ridge, with fibreglass mesh
- v) BP1S - PVC drip nose bead with fibreglass mesh
- w) BP19 - PVC aesthetic standing seam strip with fibreglass mesh together with BP19 CAP.

2) Bella Plast finishing profiles for dry walls

- a) BP2 (BP2N) PVC straight corner bead
- b) BP3 (BP3N) PVC arched corner bead
- c) BP4 universal PVC corner bead
- d) BP5 PVC type "J" finishing profile: 6mm, 9mm, 12.5mm, 15mm.
- e) BP8 PVC straight radial corner bead
- f) BP9 PVC arched radial corner bead



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3) finishing profiles for wet plaster

- a) BP12 (9mm / 6mm) PVC plaster expansion joint strip for use between window frame and plaster with seal
- b) BP12 MIDI (9mm / 3mm) PVC plaster expansion joint strip for use between window frame and plaster with seal
- c) BP12 MINI (BU) (6mm / 3mm) PVC plaster expansion joint strip for use between window frame and plaster with seal, BP12 MINI U (6mm / 3mm) PVC plaster expansion joint strip for use between window frame and plaster with seal
- b) BP23 PVC bead with 4mm ridge

4) Expansion joint strips for stoneware.

- a) BP18 - H 8mm and H 10mm expansion joint strips for stoneware

5) Aluminium fixing strips (plinth profiles).

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

4. (Intended use and scope of application):

1) Bella Plast finishing profiles for building thermal insulation systems BSO (E.T.I.C.S.):

- a) BP13 (6mm/9mm), BP13 MIDI (9mm/3mm), BP13 MINI BU / BP13 MINI U (6mm/3mm) PVC expansion joint strip for use between window frame and plaster, with fibreglass mesh: - intended for expansion joints between window or door frame and external thermal insulation composite system.
- b) BP14 LUX, BP14 LUX N PVC drip nose bead with fibreglass mesh - intended for evacuation of water from external thermal insulation composite system.
- c) BP14 ECO PLUS, BP14 PLUS N PVC drip nose bead with fibreglass mesh - intended for evacuation of water from external thermal insulation composite system.
- d) BP11 H5R, H3R, H3N, H2R, H1 PVC rustication strips - intended for decorative grooves in external thermal insulation composite system.



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- e) BP10 PVC corner bead with fibreglass mesh - designed for reinforcement of corners on external thermal insulation composite system.
- f) BP11 H5RS, H3RS, H3NS, H2RS, H2NS, H1S PVC rustication strips with fibreglass mesh - intended for decorative grooves in external thermal insulation composite system.
- g) BP15 PCV type E façade expansion joint strip with fibreglass mesh - intended for expansion joints between sections, surfaces of external thermal insulation composite system.
- h) BP16 PCV type V corner expansion joint strip with fibreglass mesh - intended for expansion joints between sections, surfaces of external thermal insulation composite system.
- i) BP20 PVC under-sill expansion joint strip with fibreglass mesh - intended for the expansion joint between exterior window sill and external thermal insulation composite system.
- j) BP22 PVC 3mm finishing profile with fibreglass mesh - designed for separation of external thermal insulation composite system sections of different colours and/or type, granulation.
- k) BP4 S universal PVC corner bead with fibreglass mesh - intended for reinforcement of 0 deg. to 180 deg. edges in external thermal insulation composite system.
- l) BP11 Ł H3 PVC connector for BP11H3, BP11H3S rustication strip and BP11 K H3 WEW, BP11 K H3 ZEW corner bead - intended for connections between BP11 H3, BP11H3S rustication strips as well as between BP11H3 and BP11H3S rustication strips and BP11KH3ZEW and BP11KH3ZEW corner beads.
- m) BP11 K H3 WEW PVC inner corner bead for BP11H3N and BP11H3NS rustication strip - intended for connecting BP11H3N and BP11H3NS rustication strips in inner corner of the building; the connection between the corner bead and BP11H3N or BP11H3NS rustication strip is done with the use of BP11ŁH3 connector.
- n) BP11 K H3 ZEW PVC outer corner bead for BP11H3N and BP11H3NS rustication strip - intended for connecting BP11H3N and BP11H3NS rustication strips in outer corner of the building; the connection between the corner bead and BP11H3N or BP11H3NS rustication strip is done with the use of BP11ŁH3 connector.
- o) BP11 MINI MAX - PVC MINI rustication strip with fiberglass mesh - intended for



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- decorative grooves in external thermal insulation composite system.
- p) BP11 MINI CC, BP11 MINI MAX CC, BP11 H1 CC, BP11 H2 CC - cross profiles for rustication strips are intended for butt connection of rustication strips in a cross connection.
 - q) BP11 MINI TC, BP11 H1 TC, BP11 H2 TC - "T" shaped connectors: designed for butt connection of "T" shape rustication strips.
 - r) BP11 HTS - triangular PVC rustication strip
 - s) BP10 Arch (d.BP3 S)- PVC arched corner bead with fibreglass mesh - intended for reinforcing an arched (oval) corner
 - t) BP14 LUX COK - PVC drip nose plinth bead with fibreglass mesh for use on aluminium plinths - intended for draining water from external thermal insulation composite system and for reinforcing the bottom edge of the facade; also used to eliminate cracks in the structure (plaster) at the joint of the aluminium fixing strip with the plaster.
 - u) BP23 S - PVC reinforcement corner bead with 4mm ridge, with fibreglass mesh, intended for reinforcement of building wall corners, column corners and corners around window and door openings.
 - v) BP1 S - PVC drip nose bead with fibreglass mesh - for use in aluminium fixing strips.
 - w) BP19 - PVC aesthetic standing seam strip with fibreglass mesh together with BP19 CAP

2) Bella Plast finishing profiles for dry walls

- a) BP2 (BP2N) PVC straight corner bead - intended for joining and reinforcing dry walls interfaced at 90° angle.
- b) BP3 (BP3N) PVC arched corner bead - intended for joining and reinforcing oval connections of dry wall shapes at 90° angle
- c) BP4 universal PVC corner bead - intended for joining and reinforcing dry walls interfaced at 0° to 180° angles.
- d) BP5 PVC type "J" finishing profile: - intended for reinforcing and aesthetic finishing of the edge of a single dry wall panel of the following thickness: 6mm, 9mm, 12.5mm and 15mm.
- e) BP8 PVC straight radial corner bead - intended for joining and reinforcing dry walls interfaced at 90° angle of an oval-shaped edge.
- f) BP9 PVC arched radial corner bead - intended for joining and reinforcing dry walls interfaced at 90° angle of an oval-shaped edge.



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3) finishing profiles for wet plaster

- a) BP12 (6mm / 9mm), BP12 MIDI (3mm / 9mm), BP12 MINI BU (3mm / 6mm), BP12 MINI U (3mm / 6mm) - PCV plaster expansion joint strips - intended for expansion joints between window or door frame and internal gypsum or cement-lime plaster.
- b) BP23 PVC bead with 4mm ridge - intended for reinforcement and forming 90° corners in internal gypsum or cement-lime plaster.
- c) BP24 PVC 6, 8, 10mm plaster corners

4) Expansion joint strips for stoneware.

- a) BP18 - H 8mm and H 10mm expansion joint strips for stoneware - intended for expansion joints between terracotta or stoneware tiles.

5) aluminium fixing strips (plinth profiles) - intended for fixing trays for thermal linings: mineral wool, foamed polystyrene

5. Technical specification

NATIONAL TECHNICAL ASSESSMENT ITB-KOT-2017/0249 2nd edition, ITB-KOT-2019/1048 1st edition - Building Research Institute in Warsaw .

6. Declared technical properties of the product type in accordance with the technical specification:

Item	Properties	Requirements	Test methods
1	2	3	4
1	External appearance and shape	colour consistent with the manufacturer's colour template; shape consistent with the	External visual inspection in dispersed light



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Item	Properties	Requirements	Test methods
1	2	3	4
		drawings integral to the National Technical Assessment ITB-KOT-2017/249; no defects in the form of pits and discoloration; no mechanical damage	
2	Dimensions, mm	dimensions shape consistent with the drawings integral to the National Technical Assessment ITB-KOT-2017/249 deviations of dimensions not tolerated in rough class C according to PN-EN 22768-1:1999	measurement by means of universal gauges ensuring proper accuracy
3	Deviation from flat surface, mm, for profiles of the following length: – L ≤ 2500 mm – L > 2500 mm	≤ 0.5 ≤ 1.0	PN-EN 13658-1:2009
4	Softening temperature, acc. to Vicata, °C (in silicone oil)	≥ 70	PN-EN ISO 306:2014 Method B50
5	Plastic density, g/cm ³	1.65 ± 10 %	PN-EN ISO 1183-1:2006
6	Charpy impact test for plastics, kJ/m ²	≥ 20	PN-EN ISO 179-1:2010 (1fU method)
7	Dimensions stability, determined by the change of dimensions upon exposition to temperature of +70°C, %	≤ 0.1	Dimensions stability upon 24h in temp. of 70°C
8 ⁾	Adherence, kPa, of glued window expansion joint strips ^{*)} to surfaces made of: - wood - aluminium - PVC	≥ 90 ≥ 200 ≥ 70	Control of adherence to aluminium, wood, PVC surfaces upon 24 h by means of control of tensile strength perpendicular to the surface of the examined layer system: strip - acrylic glue - surface. Loading speed 5mm/1min.
9 ⁾	Resistance to plaster mortars (cement, lime, gypsum) and glue mortars for EPS	no stains, pits, loss of coarseness and other visible profile damage	The examined 250 cm long profiles must be covered with plaster mortars: lime, cement, gypsum, glue mortar for EPS. Series I: maintained for 7 days, temp. 23C, humidity 50%. Series II: immerse in 0.5 cm deep water for 24h after 24h of bonding. Both series to be examined in visual inspection in terms of effect of the applied mortars.
10	Flammability rating is V-O	This material is non-flammable. For combustion to take place, a constant supply of flame from outside is necessary. This material does not burn with a flame for more than 10 seconds after each sustained burning test, the material does not drip and does not ignite cotton wool placed below 30.5cm.	UL-94
11	Aluminium fixing strips, material: aluminium sheet	Nominal dimensions: Thickness: 0.5mm – 0.8mm	



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Item	Properties	Requirements	Test methods
1	2	3	4
		Width: 53mm - 203mm Length: 2000 mm, 2500 mm.	

7. Name and number of the accredited certification body:

Building Research Institute in Warsaw Filtrowa street No. 1, 00-611 Warsaw, Rating System 4.

I declare hereby with full responsibility that the construction products are consistent with the technical specification referred to in point 5.

Piotr Szabelewski
Członek Zarządu

Warsaw - Wesola 14.05.2021



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