



EU DECLARATION OF CONFORMITY
DECLARACIÓN UE DE CONFORMIDAD

3E Basor
CABLE TRAY SPECIALIST

www.basor.com



The company / La Empresa:

BASOR ELECTRIC, S.A.

Address / Dirección:

Av. Alcodar, 45-47, 46700. Gandía (VLC), Spain.

Declares that the product:

Declara que el producto:

BASORPLAST BPE WITH COVER / BASORPLAST BPE CON TAPA

Installed in accordance to the installation standards, manufacturer's instructions and professional rules, duly maintained and used for the applications as intended.

Instalado de acuerdo con las normas de instalación, instrucciones del fabricante y conforme a las reglas profesionales, debidamente mantenido y utilizado en las aplicaciones para las que está previsto.

Complies with the essential requirements of the Council Directives:

Cumple con los requisitos esenciales de las Directivas del Consejo:

2014/35/UE (Low Voltage Directive) / (Directiva de Baja Tensión)

Incorporated in the Spanish Legislation in: R.D. 187/2016.

Incorporado en la Legislación Española en: R.D. 187/2016.

And it is suitable and safe for the intended use and it is in conformity with the following standard:

Es adecuado y seguro para el uso a que está destinado y es conforme con la siguiente norma:

UNE EN 50085-1

UNE EN 50085-2-1

Additional information:

Información adicional:

This product is intended to be installed and maintained by skilled persons, it may be used by ordinary persons only as a replacement part, to substitute for an identical device.

Este producto está previsto para ser instalado y mantenido por un profesional, puede ser usado por una persona no formada para reemplazamiento de uno idéntico.

Place and date:

Lugar y fecha:

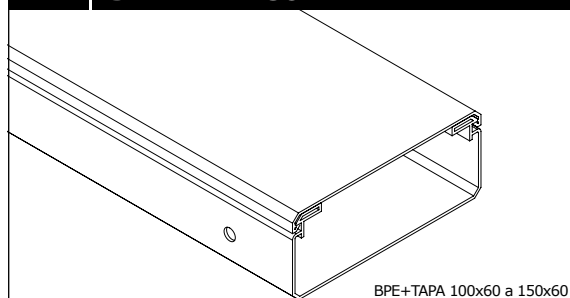
Gandía May 2016

Gandía Mayo 2016

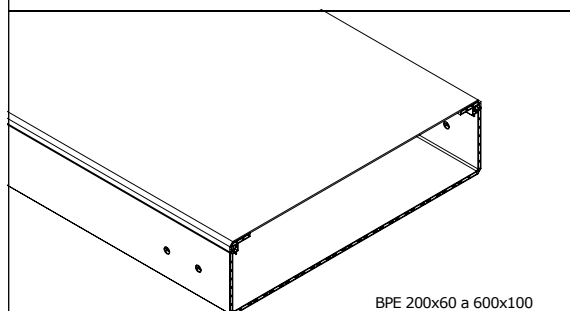
Technical department / Departamento Técnico



BPE WITH COVER



BPE+TAPA 100x60 a 150x60



BPE 200x60 a 600x100

Models (HxB):

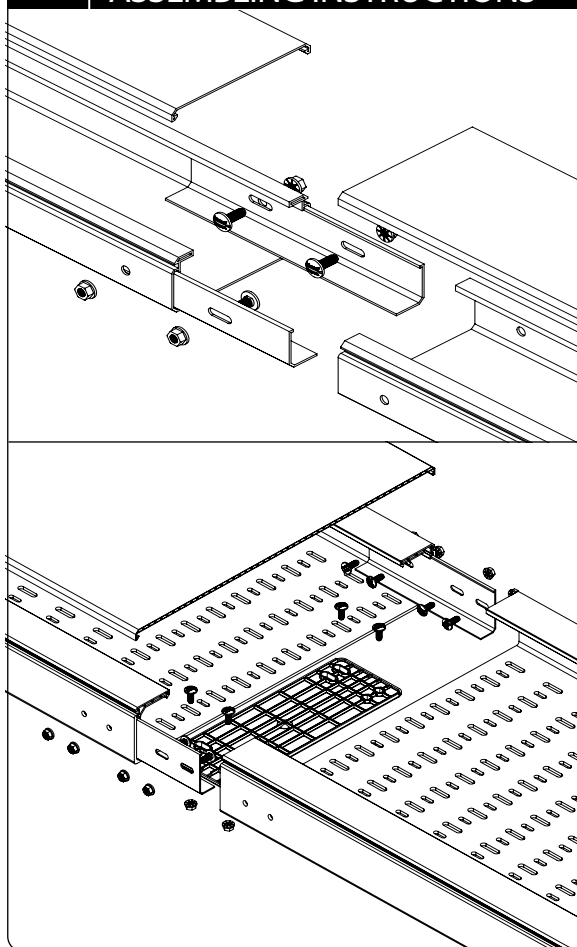
60x100; 60x150; 60x200; 60x300; 100x200; 100x300; 100x400; 100x600.

Finishes: UVM1 RAL 7035

Characteristics of the trunking:

- Non metallic system
- Impact strength: 20J, except 60x100 and 60x150 with 10J
- Resistant to UV radiation. Excellent outdoor behavior
- Minimum temperature storage: -45°C
- Minimum temperature: -20 °C
- Maximum temperature: 60 °C
- Non-flame propagating component
- Without electrical continuity
- Electrical insulating component
- Degrees of protection provided by enclosures EN 60529:
 - BPE non perforated + Cover: IP3X
 - BPE perforated + Cover: IP2X
- Degrees of protection provided by enclosures against external mechanical impacts, UNE EN 50.102:
 - IK07 (IK10 with supplementary part)
- High protection inside and outside against corrosive substances
- Plastic system resistant to humidity/salty and chemical environments according to DIN 8061 and IISO/TR 10358
- The access of the cover can be opened without tools (Using the supplementary part IK10 a screwdriver is needed)
- M1 Reaction to fire test UNE 23727
- Glow wire test degree 960°C, UNE-EN 60695-2-11
- Flame Retardancy UL 94-VO, ANSI/UL 94-1995
- >Level Oxygen Index LOI>50%, UNE EN ISO 4589
- Complies with RoHS directive, 2011/65/UE
- Raw material without silicone

ASSEMBLING INSTRUCTIONS



- For the assembly, two union joints and four M8 Bolt sets are needed for each stretch (8 for H100 models). For trays with a width ≥ 400 mm it is necessary to use the JUBPE-C base joint to accomplish the requirements of full load transverse arrow indicated by IEC 61537. This union requires 4 screw set CTBP M8 PVC, and it can be placed inside or outside the cable tray.
- For vertical assemblings, both in ascent as in horizontal paths, the fixation of the tray to the support should be done by stainless steel screws (ISO7380-2 M8x30 and DIN6923 M8).
- It is recommended to place the union joint at a distance of $L/4 - L/5$ of the support PSBPE being L the support spacing.
- Tray installation for electrical systems should NOT run under other types of canalisations such as water, vapour or gas canalisations.
- To guarantee a good ventilation, we recommend installing the trays keeping a minimum distance of 250 mm between each tray.
- Trays placed on supports shall keep 20 mm gap from the wall to allow cables correct ventilation.
- Suitable for wet, salty and chemical agresive enviroments.
- To assure good performance under expansions , the increase in temperature must be noted, between the installation and the maximum temperature expected. Depending on the expected growth in the temperature (ΔT) leave a gap (h) between cable trays according to the following table :

ΔT (°F)	h (mm)
68	5
86	7
104	9
122	11

Accessories:

The family has a large range of accessories such as: cover TBPE, clamp BIK10-BPE, separator PSBPE, horizontal bend CPBPE, inside bend CCBPE, outside bend CCXBPE, derivation PDBPE, blind end TFBPE, union joint JUBPE, articulated union joint JUBPE-A, hinge joint JUBPE-B, base union joint JUBPE-C and screw set CTBP M8 PVC.