



EU DECLARATION OF CONFORMITY
DECLARACIÓN UE DE CONFORMIDAD

3EBasor
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

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. 7/1988 and its modification R.D. 154/1995.

Incorporado en la Legislación Española en: R.D. 7/1988 y su modificación R.D. 154/1995.

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 61537

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 April 2016

Gandía Abril 2016

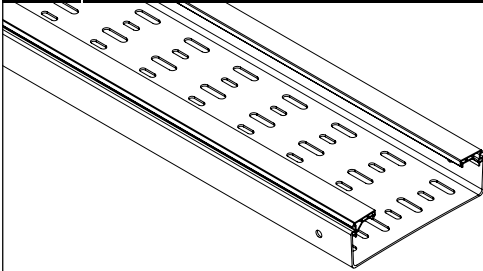
Technical department / *Departamento Técnico*



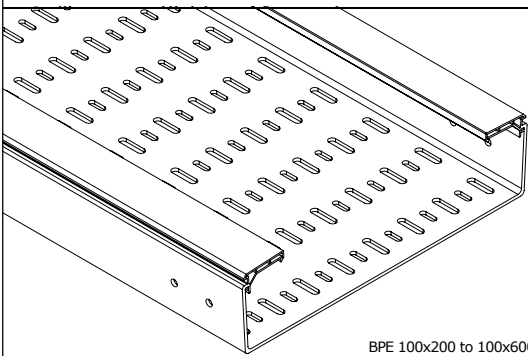
Certificado Nº SGI 3198065/11

Certificado Nº SGI 3198065/12

BPE



BPE 60x100 to 60x300



BPE 100x200 to 100x600

Models (HxB):

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

Finishes: PVC M1 UV RAL 7035

Characteristics of the tray:

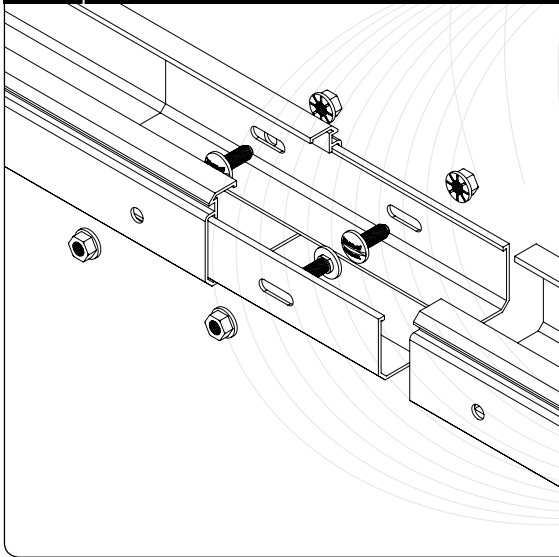
- Non metallic system
- Resistant to UV radiation. Excellent behaviour in outdoor installation.
- Impact Strength: 20J, except 60x100 with 10J
- Minimum temperature: -20 °C
- Maximum temperature: 60 °C
- Non-flame propagating component
- Without electrical continuity
- Electrical insulating component
- Dielectric Strength 18 +/- 2 kV/mm
- 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
- M1 reaction to fire acc. to UNE 23727
- Glow wire test degree 960°C, UNE-EN 60695-2-11
- Flammability UL 94-VO, ANSI/UL 94-1995
- Limiting Oxygen Index LOI>50%, UNE EN ISO 4589
- Comply with RoHS directive, 2002/95/CE
- Raw material without silicone
- Classification according to free base area:

Non-slotted: Class A

Slotted:

Base	Class
100	B
150	B
200	B
300	B
400	B
600	B

INSTRUCTIONS FOR USE



- For the assembly, two union joints and four M8 Bolt sets are needed for each stretch (8 for H100 models).
- Tray installation for electrical systems should NOT run under other types of canalizations such as water, vapour or gas canalizations.
- To guarantee a good ventilation, we recommend installing the trays keeping a minimum distance of 250 mm between each tray.
- 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 (°C)	h (mm)
20	5
30	7
40	9
50	11

Accessories:

The family has a large range of accessories such as: Divider profile, horizontal bend, inside bend, outside bend, end cap, lateral derivation, union joint, articulated union joint, horizontal hinged joint and screw set M8 PVC..

SAFE WORKING LOAD

Installations up to 40 °C

MODEL	Safe Working Load (kg/m)	
	1 m Span	1,5 m Span
BPE-60x100	39	20
BPE-60x150	43	22
BPE-60x200	64	31
BPE-60x300	74	38
BPE-100x200	119	57
BPE-100x300	125	61
BPE-100x400	168	81
BPE-100x600	227	112

Installations up to 60 °C

MODEL	Safe Working Load (kg/m)
	1 m span
BPE-60x100	20
BPE-60x150	22
BPE-60x200	31
BPE-60x300	38
BPE-100x200	57
BPE-100x300	61
BPE-100x400	81
BPE-100x600	112