



EU DECLARATION OF CONFORMITY
DECLARACIÓN UE DE CONFORMIDAD

3EBasor

CABLE TRAY SPECIALIST

www.basor.com



Certificado Nº SGI 3198055/11

Certificado Nº SGI 3198055/12

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 BPI

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.

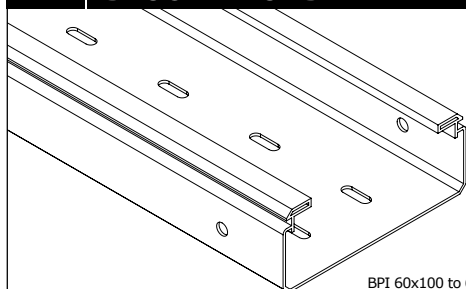
Place and date:

Lugar y fecha:

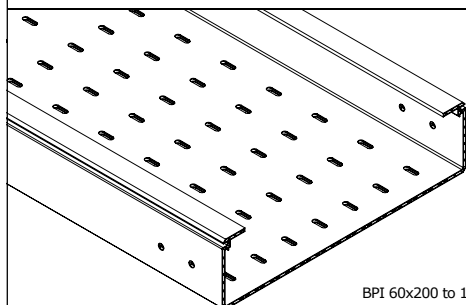
Gandía April 2016

Gandía Abril 2016

Technical department / Departamento Técnico

**BASORPLAST BPI**

BPI 60x100 to 60x150



BPI 60x200 to 100x600

Models (HxB):

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

Finishes: PVC M1 RAL 7030**Characteristics of the cable tray:**

- Non metallic system
- 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
- Interior and exterior high level of protection against corrosive or polluting substances
- Plastic system resistant to humidity/salty and chemical environments according to DIN 8061 and iISO/TR 10358
- M1 fire rating according to UNE 23727
- Glow wire test: 960°C rating acc. to UNE-EN 60695-2-11
- UL 94-VO, ANSI/UL 94-1995
- Oxygen Level LOI>50%, UNE EN ISO 4589
- Comply with RoHS, 2002/95/CE
- Raw material without silicone

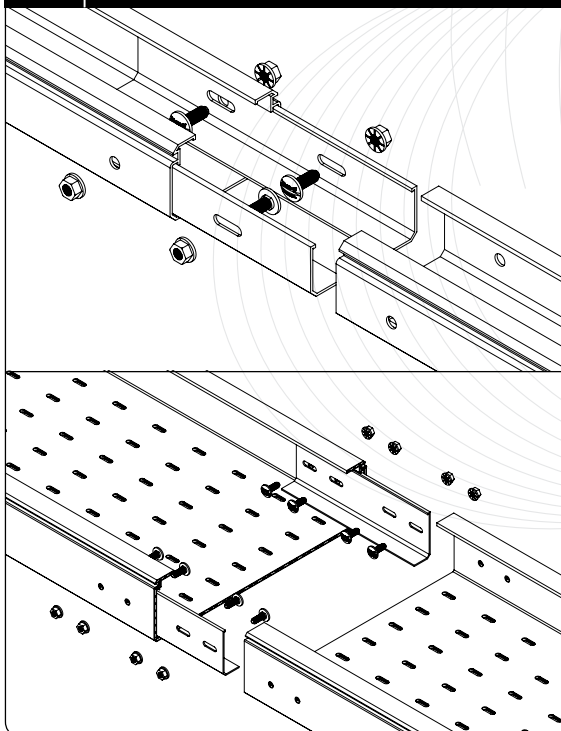
- Classification acc. to the free base area:

Non perforated: Class A

Perforated:

Base Models	Classification
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 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 which are placed on supports shall have to keep a gap of 20 mm from the wall to allow a correct ventilation of the cables.
- Suitable for wet, salty and chemical environments.
- Material with limited direct exposure to UV resistance. For use directly exposed to UV rays consult the family BASORPLAST BPE
- 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: cover, separator, horizontal bend, inside bend, outside bend, union joint, articulated union joint, hinge joint and screw set M8 PVC.

SAFE WORKING LOAD

	Safe Working Load (Kg/m)
BASORPLAST	1,5 m Span
BPI-60x100	23
BPI-60x150	28
BPI-60x200	39
BPI-60x300	45
BPI-100x200	79
BPI-100x300	92
BPI-100x400	101
BPI-100x600	118

Nota: This SWL values are for a maximum temperature of 40°C with a 1.5m span or for 60°C maximum temperature with 1m of span.