



EU DECLARATION OF CONFORMITY
DECLARACIÓN UE DE CONFORMIDAD



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:

BASORTRAV EFV

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 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:

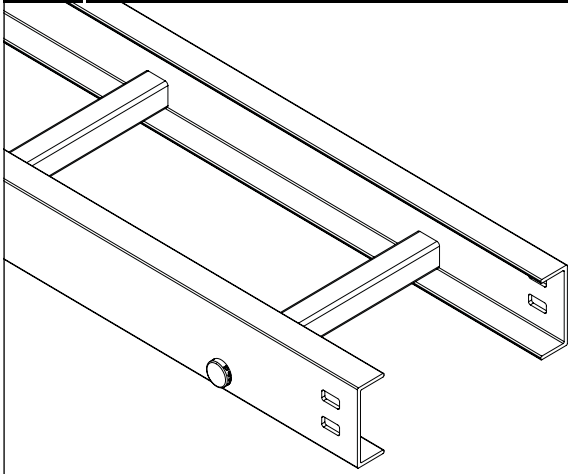
Gandía May 2016

Gandía Mayo 2016

Technical department / *Departamento Técnico*



FIBERTRAV EFV 3S



Models:

Height (Side Rail): 3S (76,2 mm)

Width: 6" (150 mm), 9" (225 mm), 12" (300), 18" (450), 24" (600)

Length: 3 m or 6 m.

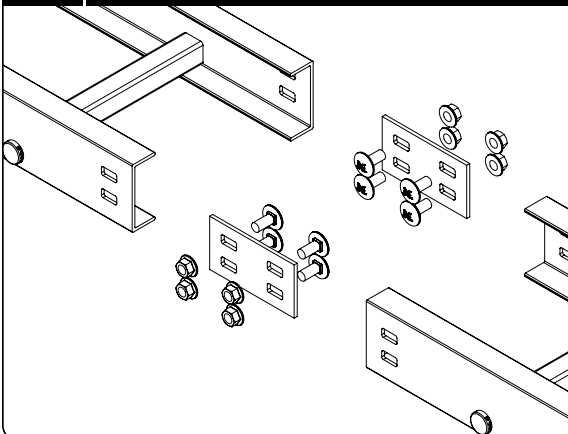
Distance between rungs: 6" (150 mm), 9" (230 mm), 12" (300 mm).

Material: Reinforced Polyester Fiberglass (PRFV)

Ladder Characteristics:

- Non metallic system
- Temperature range: -50°C and 105°C
- Without electrical continuity
- Electrical insulating component
- High level of protection against corrosive or polluting substances
- Self-extinguishing and non-flame propagating component
- Reaction to fire, smoke opacity and toxicity F1 according to NF 16.101
- UL-94-V0 Class
- Halogen Free
- Comply with ROHS, 2002/95/CE
- UV resistant
- High Load-Resistance/Weight ratio
- Impact Strength: 20J.

ASSEMBLING INSTRUCTIONS



- To assembly two cable ladders two union joints are needed with 4 B3 Sets for each union.
- It is recommended installing the union joints between L/4 to L/5 of the distance between supports.
- 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 have to keep a gap of 20 mm from the wall to allow a correct ventilation of the cables.

Accessories:

45° and 90° horizontal bends, 45° and 90° vertical inside bends, 45° and 90° vertical outside bends, cross derivations, TE derivations, union joint, vertical adjustable joint, horizontal adjustable joint, hold down clamp, cover and cover clamp.

Available radii: Standard 12" (300 mm). Under request 24" (600 mm) and 36" (900 mm).

SAFE WORKING LOAD (SWL)

	SWL (kg/m) According distance between supports (m)		
MODEL	2	2,5	3
EFV 3S	147	75	43

* Safety factor according to UNE-EN 61537: 1,7

** The deformation for safe working load declared is L/100 the length of the span.

*** CTA for 25 °C. Reduction of charge depending on temperature:

- 50 °C = 18%
- 65 °C = 32 %
- 80 °C = 40 %
- 95 °C = 48 %
- 105 °C = 53 %