

DECLARATION OF CONFORMITY  
DECLARACIÓN 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:*

**BASORSUPPORT SP**

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*

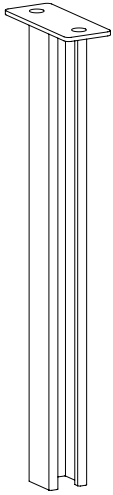
Technical department / Departamento Técnico



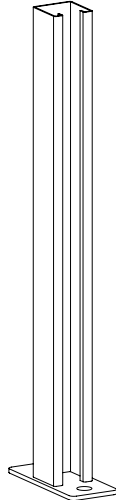
Certificado Nº SGI 319805/11

Certificado Nº SGI 319806/12

**SP** CEILING / FLOOR SUPPORT



SP CEILING



SP FLOOR

Models (L):

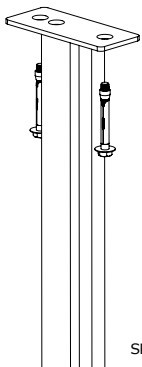
300; 400; 500; 600; 800

Finishes: HDG

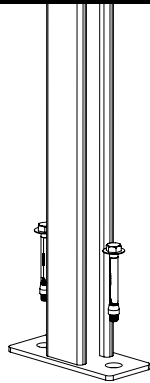
Characteristics:

- Metallic
- Non-flame propagating
- System with electrical continuity
- Electrically conductive component
- Minimum temperature of -50 °C
- Maximum temperature of 150 °C
- With metallic coating; resistance to corrosion: HDG coating - class 6
- Related products:
  - Open side of the profile: SRB; SCR; SPL; SHL; SP.
  - Slotted side of the profile: SRB; SCR; SHL.

**ASSEMBLY INSTRUCTIONS**



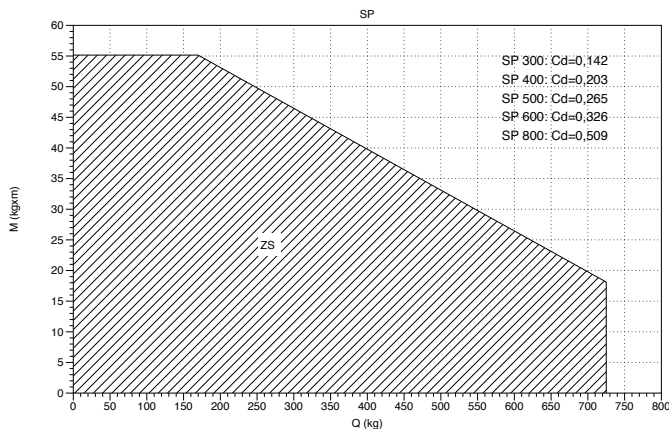
SP TECHO



SP SUELO

- To fix the support to the ceiling two anchors are needed.
- To fix horizontal supports in the solid (slotted) side of the profile, bolts&nuts M10 (like B3 bolt&nut set) are needed.
- To fix horizontal supports in the open side of the profile, M10x30 DIN 933 Bolt with M10 channel nut with spring are needed.
- SP support allow to adjust the position of horizontal supports when floor/ ceiling has not regular shape.

**SAFE WORKING LOAD**



ONE SIDE CHARGES SIMPLIFICATION

B(mm)	100	150	200	300	400	500	600
Q(kg)	469	400	347	275	228	195	170
f(mm)L=300	5	6	6	7	7	8	8
f(mm)L=400	7	8	9	10	10	11	11
f(mm)L=500	9	11	11	13	14	14	15
f(mm)L=600	11	13	14	16	17	17	18
f(mm)L=800	18	20	22	24	26	27	28

This are simplified values obtained from the Safety Area (ZS) picture for assemblies only with horizontal supports in one side of the vertical support.

To determine the suitability of the SP support, observe the relationship between the bending moment and the traction load which has the most unfavourable effect on the support and check whether it is working within the limits of the safety area. To obtain the pendant's deflection, multiply the bending moment (M) by the corresponding support's deflection coefficient (Cd).  $f=M \cdot Cd$