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Certificado Nº SGI 3198065/11 Certificado Nº SGI 3198065/12

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:
BASORPERFIL RA

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*

BASORPERFIL RA 50x18x2

UNE-EN 61537
REV.20/04/2016

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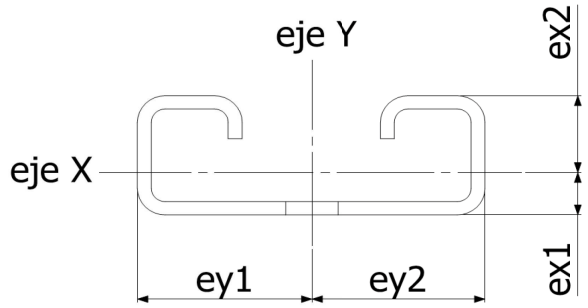
RA 50X18X2 PVC M1

Material: PVCM1 RAL 7030

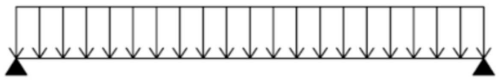
Characteristics of the profile:

- Non metallic system
- Minimum temperature: -20 ˚C
- Maximum temperature: 60 ˚C
- Non-flame propagating component
- Without electrical continuity
- Electrical insulating component
- Dielectric strength 18 +/- 2 kV/mm
- M1 fire rating according to UNE 23727
- Glow wire test: 960ºC rating acc. to UNE-EN 60695-2-11
- UL 94-VO, ANSI/UL 94-1995
- Oxigen Level LOI>50%, UNE EN ISO 4589
- Comply with RoHS, 2002/95/CE
- Raw material without silicone

SECTION PROPERTIES



PVC Resistance	2,63E+07 N/m²
Safety factor	1,7
Admissible strength	1,55E+07 N/m²
Innertia moment, Ix	9,41E-09 m4
Innertia moment, Iy	6,79E-08 m4
Section	2,19E-04 m2
Net Section (used for calculus)	2,04E-04 m2
Rotation radius (x axis)	6,80E-03 m
Rotation radius (y axis)	1,83E-02 m
ex1	8,22E-03 m
ex2	9,78E-03 m
ey1	2,50E-2 m
ey2	2,50E-2 m
Resistant modulus (x axis - ex1 distance)	1,14E-06 m3
Resistant modulus (x axis - ex2 distance)	9,62E-07 m3
Resistant modulus (y axis - ey1 distance)	2,72E-06 m3
Resistant modulus (y axis - ey2 distance)	2,72E-06 m3
Maximum bending Moment	1,49E+01 Nm



Distance between supports	Maximum Distributed load (kg)	Deflection (mm)	Maximum distributed Load (Kg) For L/200 deflection at mid-span	Maximum distributed Load (Kg) For L/360 deflection at mid-span	Max point load in the center of the span (Kg)	Deflection (mm)	Maximum point Load (Kg) for L/200 deflection at mid-span	Maximum point Load (Kg) for L/360 deflection at mid-span
0,2	60	1	60	41	29	1	29	25
0,3	40	2	33	18	19	2	19	11
0,4	30	4	18	10	14	3	11	6
0,5	24	6	12	7	11	4	7	-
0,6	20	8	8	-	9	6	5	-
0,7	17	10	6	-	8	8	-	-