



DECLARATION OF CONFORMITY  
DECLARACIÓN DE CONFORMIDAD

**3EBasor**  
CABLE TRAY SPECIALIST  
www.basor.com



Certificado Nº SGI 3198065/11



Certificado Nº SGI 3198065/12

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:*

**BASORFIX 41/82**

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.*

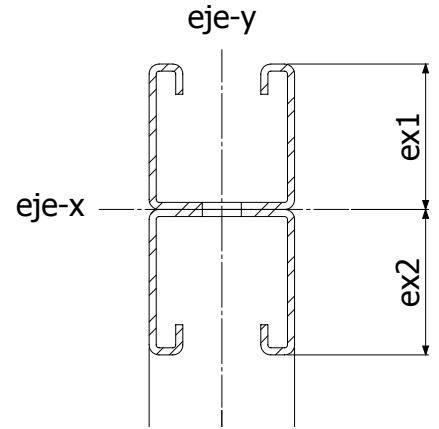
Place and date:

*Lugar y fecha:*

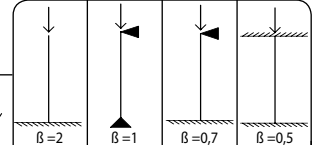
Gandía April 2016

*Gandía Abril 2016*

Technical department / *Departamento Técnico*



PROFILE P41-D 41x82x2,5	
Admissible strength	1,50E+8 N/m <sup>2</sup>
Moment of inertia, Ix	3,89E-7 m <sup>4</sup>
Moment of inertia, Iy	1,87E-7 m <sup>4</sup>
Gross Area	6,92E-4 m <sup>2</sup>
Net Area	6,37E-4 m <sup>2</sup>
Turning Radius x Axis	2,47E-2 m
Turning Radius y Axis	1,71E-2 m
ex1	4,10E-2 m
ex2	4,10E-2 m
ey1	2,05E-2 m
ey2	2,05E-2 m
Section Modulus x Axis	9,49E-6 m <sup>3</sup>
Section Modulus y Axis	9,11E-6 m <sup>3</sup>
Maximum Bending Moment	1,42E+3 Nm



Length / Span	Uniformly distributed load				Point load				Uniformly distributed load				Point load				Uniformly distributed load				Point load							
	Max distributed load (Kg)	Deflection for max. load (mm)	Max distributed load (Kg) for L/200 deflection	Max distributed load (Kg) for L/360 deflection	Max Point load at mid-span (Kg)	Deflection for max. load (mm)	Max point load (Kg) for L/200 deflection	Max point load (Kg) for L/360 deflection	Max distributed load (Kg)	Deflection for max. load (mm)	Max distributed load (Kg) for L/200 deflection	Max distributed load (Kg) for L/360 deflection	Max Point load at mid-span (Kg)	Deflection for max. load (mm)	Max point load (Kg) for L/200 deflection	Max point load (Kg) for L/360 deflection	Max distributed load (Kg)	Deflection for max. load (mm)	Max distributed load (Kg) for L/200 deflection	Max distributed load (Kg) for L/360 deflection	Max Point load (Kg)	Deflection for max. load (mm)	Max point load (Kg) for L/200 deflection	Max point load (Kg) for L/360 deflection	Max. Point Load (kg) applied in outside face	Max. Point Load (kg) applied in outside face	Max. Point Load (kg) applied in outside face	Max. Point Load (kg) applied in outside face
0,1	11384	1	11384	11384	5691	1	5691	5691	17075	1	17075	17075	11383	1	11383	11383	2846	1	2846	2846	1423	1	1423	1423	2546	2546	2546	2546
0,2	5692	1	5692	5692	2845	1	2845	2845	8538	1	8538	8538	5691	1	5691	5691	1423	1	1423	1423	711	1	711	711	2533	2546	2546	2546
0,3	3795	1	3795	3795	1897	1	1897	1897	5692	1	5692	5692	3794	1	3794	3794	949	1	949	949	474	1	474	474	2513	2546	2546	2546
0,4	2846	1	2846	2846	1422	1	1422	1422	4269	1	4269	4269	2845	1	2845	2845	711	1	711	711	356	1	356	356	2487	2533	2546	2546
0,5	2277	1	2277	2277	1138	1	1138	1138	3415	1	3415	3415	2276	1	2276	2276	569	2	569	569	285	2	285	272	2436	2526	2540	2546
0,6	1897	1	1897	1897	948	1	948	948	2846	1	2846	2846	1897	1	1897	1897	474	2	474	474	237	3	237	189	2358	2513	2533	2546
0,7	1626	1	1626	1626	813	1	813	813	2439	1	2439	2439	1626	1	1626	1626	407	3	407	370	203	3	203	139	2263	2500	2526	2540
0,8	1423	2	1423	1423	711	1	711	711	2134	1	2134	2134	1422	1	1422	1422	356	3	356	284	178	4	178	106	2137	2487	2520	2533
0,9	1265	2	1265	1265	632	2	632	632	1897	1	1897	1897	1264	1	1264	1264	316	4	316	224	158	5	151	84	1998	2461	2513	2533
1	1138	2	1138	1138	569	2	569	569	1708	1	1708	1708	1138	1	1138	1138	285	5	285	182	142	6	123	68	1866	2436	2500	2526
1,1	1035	3	1035	1035	517	2	517	517	1552	1	1552	1552	1034	1	1034	1034	259	6	259	150	129	8	101	56	1728	2399	2493	2520
1,2	949	3	949	949	474	3	474	474	1423	1	1423	1423	948	2	948	948	237	7	227	126	119	9	85	47	1592	2358	2474	2513
1,3	876	4	876	876	437	3	437	437	1313	1	1313	1313	875	2	875	875	219	8	193	107	109	10	72	40	1477	2318	2455	2506
1,4	813	4	813	813	406	3	406	406	1220	2	1220	1220	813	2	813	813	203	9	167	93	102	12	63	35	1359	2263	2436	2500
1,5	759	5	759	759	379	4	379	379	1138	2	1138	1138	758	2	758	758	190	10	145	81	95	14	54	30	1252	2201	2418	2493
1,6	711	5	711	681	355	4	355	355	1067	2	1067	1067	711	2	711	711	178	12	128	71	89	15	48	27	1154	2137	2393	2487
1,7	670	6	670	603	334	5	334	334	1004	2	1004	1004	669	3	669	669	167	13	113	63	84	17	42	24	1073	2067	2364	2474
1,8	632	6	632	538	316	5	316	316	949	2	949	949	632	3	632	632	158	15	101	56	79	19	38	21	-	1998	2335	2461
1,9	599	7	599	483	299	6	299	299	899	2	899	899	599	3	599	599	150	16	91	50	75	21	34	19	-	1926	2301	2449
2	569	8	569	436	284	6	284	272	854	3	854	854	569	3	569	569	142	18	82	45	71	24	31	17	-	1866	2263	2436
2,1	542	9	542	395	271	7	271	247	813	3	813	813	542	4	542	542	136	20	74	41	68	26	28	15	-	1796	2221	2418
2,2	517	9	517	360	258	8	258	225	776	3	776	776	517	4	517	517	129	22	68	38	65	29	25	14	-	1728	2181	2399
2,3	495	10	495	329	247	8	247	206	742	3	742	742	494	4	494	494	124	24	62	34	62	31	23	13	-	1659	2127	2381
2,4	474	11	474	303	237	9	237	189	711	4	711	711	474	5	474	474	119	26	57	32	59	34	21	12	-	1592	2081	2358
2,5	455	12	455	279	227	10	227	174	683	4	683	683	455	5	455	455	114	28	52	29	57	37	20	11	-	1529	2032	2335
2,6	438	13	438	258	218	10	218	161	657	4	657	657	437	5	437	437	109	30	48	27	55	40	18	10	-	1477	1986	2318
2,7	422	14	422	239	210	11	210	149	632	4	632	632	421	6	421	421	105	32	45	25	53	43	17	9	-	1416	1938	2290
2,8	407	15	400	222	203	12	203	139	610	5	610	610	406	6	406	406	102	35	42	23	51	46	16	9	-	1359	1892	2263
2,9	393	16	373	207	196	13	196	129	589	5	589	589	392	7	392	392	98	37	39	22	49	49	15	8	-	1304	1844	2231
3	379	17	348	194	189	14	189	121	569	5	569	569	379	7	379	379	95	40	36	20	47	53	14	8	-	1252	1796	2201