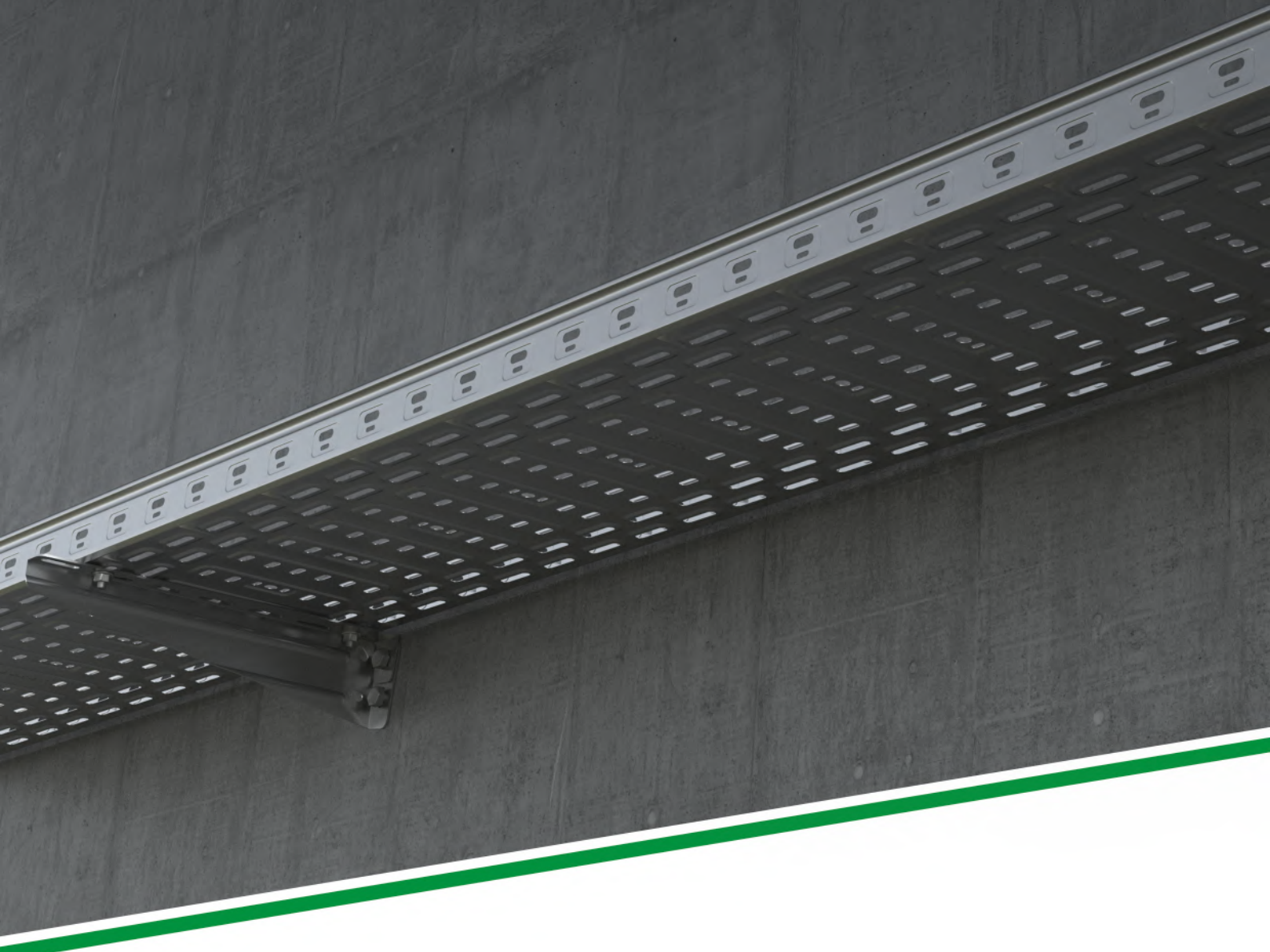


BasorTray  NR2E



Data Sheet

3E Basor
CABLE TRAY SPECIALIST



Certificate N° 3198065/11



Certificate N° 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:

BASORTRAY NR2E

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:

EN IEC 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:

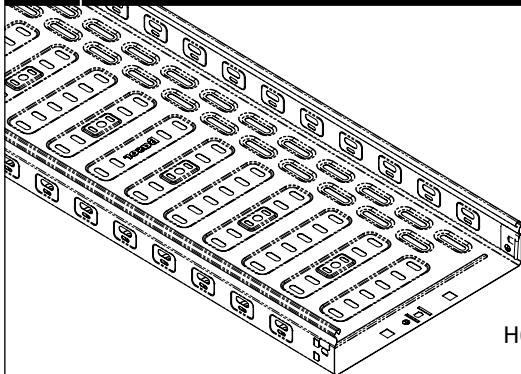
Lugar y fecha:

Gandia September 2021

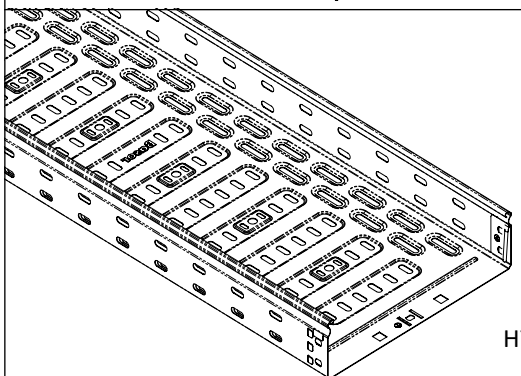
Gandia Septiembre 2021

Technical Department / Departamento técnico

NR2E



H60



H75

Models (BxH):

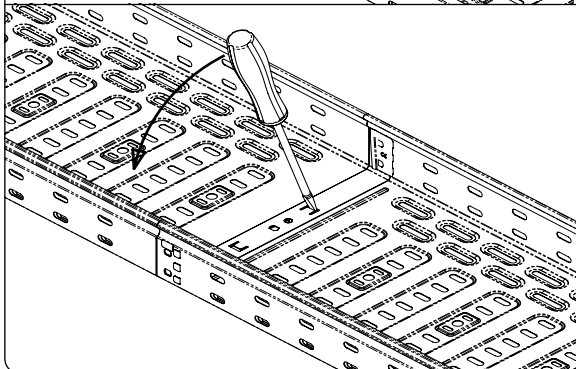
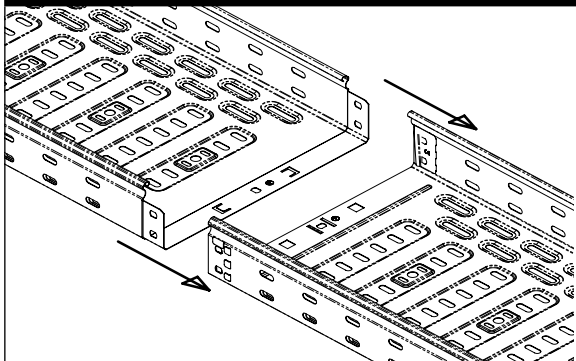
100x60; 150x60; 200x60; 300x60; 400x60; 500x60; 600x60;
 100x75; 150x75; 200x75; 300x75; 400x75; 500x75; 600x75.

Finishes: PG

Characteristics of the cable tray:

- Metallic
- Non-flame propagating component
- System with electrical continuity
- Electrically conductive component
- Minimum temperature of -50 °C
- Maximum temperature of 150 °C
- With metallic coating, resistance to corrosion:
 - PG coating: class 3
- Impact Strength: 20J
- Classification acc. to the free base Area:
 - Non-drilled tray: A classification
 - Drilled tray 150-600mm wide: B classification
 - Drilled tray 100mm wide: C classification

ASSEMBLING INSTRUCTIONS



- No joints or hardware are required to assemble the NR2E tray plug-in system. The plug-in end of the tray is inserted over the previous tray, aligning the holes with the side pieces pre-assembled on the tray until a click is heard.
- Assembly is completed by locking the central tabs with a flat-head screwdriver.
- Bends, accessories and derivations (CPNRE, CCNRE, CXNRE, TENRE, CRNRE and ASNRE) carry out the plug-in assembly at one end, on the other ends require JUNRE union joints.
- The joints between sections of trays should not be arranged just above the supports. Joints must be avoided at the end spans.
- The optimal distance to the support for the joints is between $L/4$ and $L/5$, where "L" is the distance between supports. .
- Tray installations for electrical systems should NOT run under other types of canalizations such as water, vapour or gas.
- To guarantee a good ventilation we recommend installing the trays keeping a minimum distance of 250 mm between each tray.
- To allow optimal ventilation of the cables, trays placed on supports must be separated 20 mm from the wall.

Accessories:

This family has large array of accessories: Cover TNR2E, cover clamp PTNRE, divider PS, horizontal bend CPNRE, vertical inside/outside bends CCNRE/ CXNRE, T intersection TNRE, cross intersection CRNRE, side derivation ASNRE, reduction RENRE, blind end TFNRE, union joint plates JUNRE, articulated union joints JUNRE-A, horizontal angle joints JUNRE-B, electr. panel connector ACNRE, electr. continuity joint UCNRE.

SAFE WORKING LOAD

NR2E H60 PG

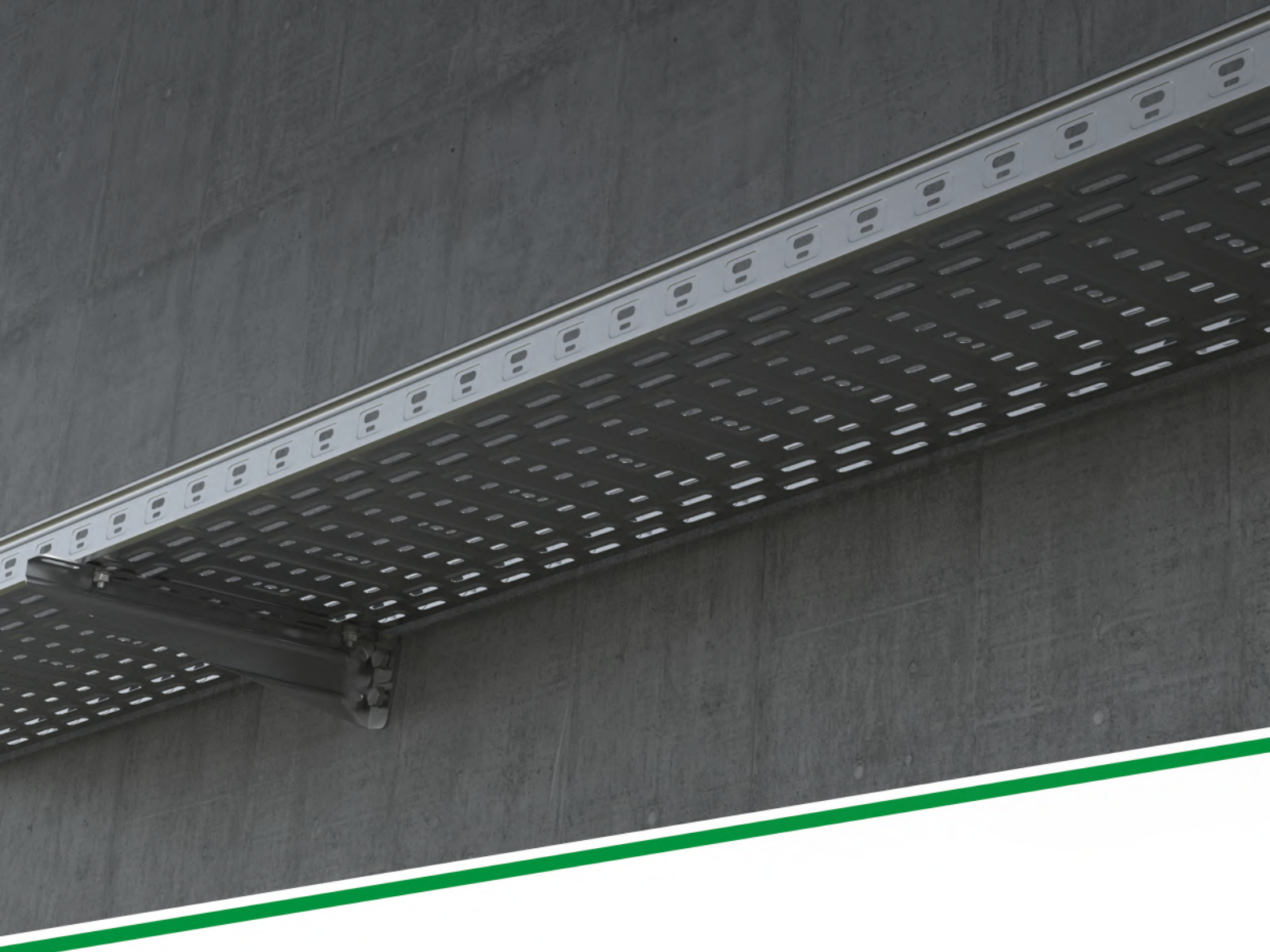
	Full cable filling		SWL kg/m (lb/ft)		
	Fill Area	Fill Load	Span (m)		
	cm ²	kg/m	1,5 m	2 m	2,5 m
NR2E 100x60	54	12,4	70 (32)	45 (20)	27 (12)
NR2E 150x60	83	19,1	75 (34)	50 (23)	28 (13)
NR2E 200x60	112	25,8	80 (36)	55 (25)	29 (13)
NR2E 300x60	170	39,1	85 (39)	60 (27)	30 (14)
NR2E 400x60	227	52,2	112 (51)	85 (39)	45 (20)
NR2E 500x60	285	65,6	112 (51)	85 (39)	45 (20)
NR2E 600x60	343	78,9	112 (51)	85 (39)	45 (20)

NR2E H75 PG

	Full cable filling		SWL kg/m (lb/ft)		
	Fill Area	Fill Load	Span (m)		
	cm ²	kg/m	1,5 m	2 m	2,5 m
NR2E 100x75	71	16,3	72 (33)	48 (22)	32 (15)
NR2E 150x75	108	24,8	74 (34)	52 (24)	34 (15)
NR2E 200x75	145	33,4	84 (38)	56 (25)	36 (16)
NR2E 300x75	220	50,6	94 (43)	70 (32)	43 (20)
NR2E 400x75	295	67,9	112 (51)	86 (39)	55 (25)
NR2E 500x75	369	84,9	112 (51)	86 (39)	55 (25)
NR2E 600x75	444	102,1	112 (51)	86 (39)	55 (25)

NOTE: SWL values according to type II load test defined in IEC 61537 standard with a safety factor of 1.7
 Full cable filling load considering low voltage cables, with a coefficient of 0,23 kg/m·cm²

BasorTray **NEZE** 



Data Sheet

3E Basor
CABLE TRAY SPECIALIST



Certificate N° 3198065/11



Certificate N° 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:

BASORTRAY NEZE

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)

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Additional information:

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Place and date:

Lugar y fecha:

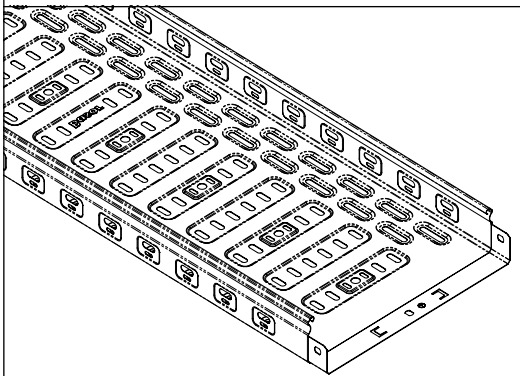
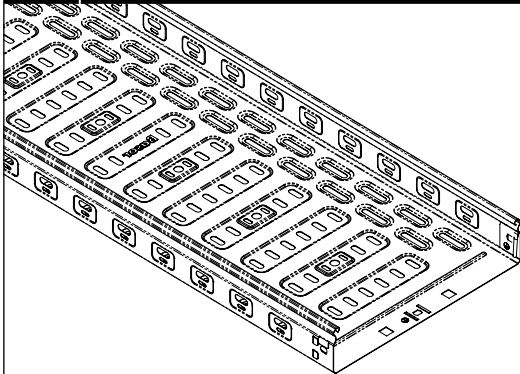
Gandia September 2021

Gandia Septiembre 2021

Technical Department / Departamento técnico



NE2E



Models (BxH):

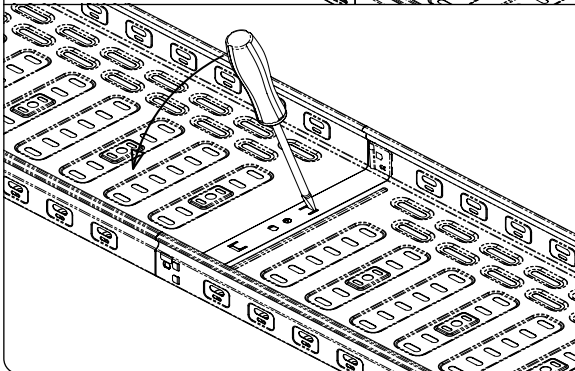
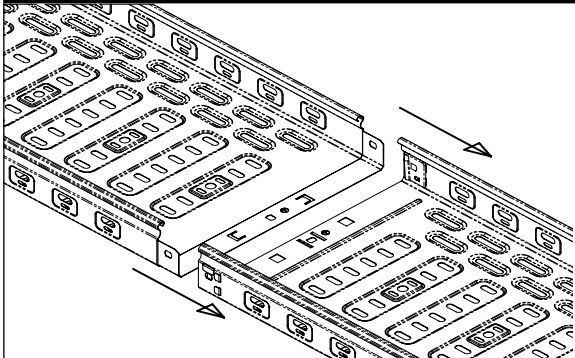
100x60; 150x60; 200x60; 300x60

Finishes: PG

Characteristics of the cable tray:

- Metallic
- Non-flame propagating component
- System with electrical continuity
- Electrically conductive component
- Minimum temperature of -50 °C
- Maximum temperature of 150 °C
- With metallic coating, resistance to corrosion:
 - PG coating: class 3
- Impact Strength: 20J
- Classification acc. to the free base Area:
 - Drilled tray 150-600mm wide: B classification
 - Drilled tray 100mm wide: C classification

ASSEMBLING INSTRUCTIONS



- No joints or hardware are required to assembly the NE2E tray plug-in system. The plug-in end of the tray is inserted over the previous tray, aligning the holes with the side pieces pre-assembled on the tray until a click is heard.
- Assembly is completed by locking the central tabs with a flat-head screwdriver.
- Bends, accessories and derivations (CPNRE, CCNRE, CXNRE, TENRE, CRNRE and ASNRE) carry out the plug-in assembly at one end, on the other ends require JUNRE union joints.
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SAFE WORKING LOAD

NE2E PG

	Full cable filling		SWL kg/m (lb/ft)	
	Fill Area	Fill Load	Span (m)	
	cm ²	kg/m	1 m	1,5 m
NE2E 100x60	54	12.4	90(41)	42(19)
NE2E 150x60	83	19.1	100(45)	60(27)
NE2E 200x60	112	25.8	115(52)	65(29)
NE2E 300x60	170	39.1	115(52)	65(29)

NOTE: SWL values according to type II load test defined in IEC 61537 standard with a safety factor of 1.7
 Full cable filling load considering low voltage cables, with a coefficient of 0,23 kg/m·cm²