Pemsa Cable Management S.A.
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PEMSA - Metatray©

Valid for: Autodesk Revit 2021 or later

Insulated Cable Tray

Description

Perforated or solid insulating cable tray for the support, protection and conduction of cables. Maximum functionality and adaptation to different spaces and environments. Excellent performance in corrosive environments, weathering and exposure to UV radiation. Wide range of accessories with multiple applications. Tray with cover (insulating protective trunking) according to EN 50085.

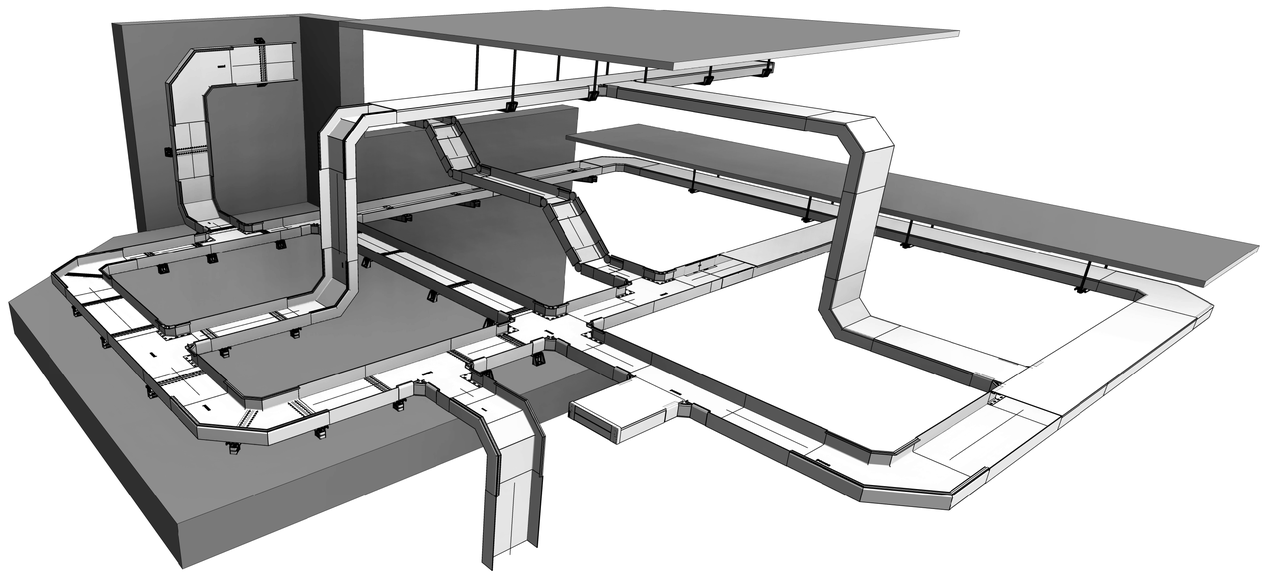
Raw Material: PVC-based thermoplastic insulating material developed with own formulation. Ral 7035 grey color.

Type: Perforated and solid bottom.

Supported cable tray sizes (HxW):

60x100	100x200
60x150	100x300
60x200	100x400
60x300	100x500
60x400	100x600

Service Temperature: -20ºC to 60ºC, according to the product standard.



System technical details

Compliance with the IEC 61537 Cable tray product standard and EN 50085 cable trunking product standard. The standard IEC 61537 and EN 50085 compliance shall be demonstrated by a third independent company certification, such as the N Certificate from AENOR or IECEE CB Scheme Certificate.

Safety working Loads: According to IEC 61537 product standard: Please consult technical catalogue in the following link: Metatray range catalogue

Excellent performance in corrosive environments, weather and exposure to UV radiation. Material for outside applications tested under UL568.

Fire performance: Non-flame-propagating, EN 61537: Glow-wire test 960 ºC. Low carbon dioxide and carbon monoxide emissions UNE 201010. Classification M1. Reaction to fire, V0 grade under UL94

Protection grade IP 2X (Perforated) and IP4X (Solid). Impact Grade 20 J (EN 61537) and IK10 (EN50085)

Free of pollutants and hazardous substances, RoHS III and REACH compliant, free of phthalates and silicones.

For any technical question please contact in the following email: ingenieria@pemsa-rejiband.com

Guidance Notes:

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All product codes are set up correctly as per Pemsa referencing.

General notes
Please refer to the technical specification and user guide for instructions on how to use the complete Metatray© Insulating Cable Tray System.

The associated technical information is available on the languages: Español, English, Française.

Schedules
The Metatray® Insulated Cable Tray System comes with preconfigured schedules to allow the specifier to easily quantify the required parts to their system. This includes references and totals.

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System flexibility
System flexibility Metatray® insulating cable tray is supplied in 3 meters straight lengths with perforations in the longitudinal direction which help to fix and clamp the cables

Maximum functionality and adaptation to different spaces and environments. Wide range of accessories with multiple applications

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Metatray® Technical data
P01

31/10/2024

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PEMSA - Metatray©

Valid for: Autodesk Revit 2021 or later

Metatray Cable Trays		
Tipo	ENG_Cable tray type	ENG_Description
Metatray Perforada	Insulating perforated cable tray	Perforated tray made of insulating material. Grey RAL 7035 colour for the support, protection and conduction of cables. Maximum functionality and adaptation to different spaces and environments. Excellent performance in corrosive environments, weathering and exposure to UV radiation. Wide range of accessories with multiple applications. Tray with lid (insulating protective channel) according to EN 50085. Complies with REACH and ROHS III directives. Free of dangerous substances.

Metatray Cable Trays Certificates				
Tipo	ENG_Finish	ENG_Corrosion resistance class	ENG_Certificates	ENG_Reference
Metatray Perforada	PVC-based Thermoplastic insulating material	Insulating	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	82004160

Metatray fittings							
Familia	Tipo	ENG_Cable tray type	ENG_Description	ENG_Finish	ENG_Reference	ENG_Certificates	ENG_Corrosion resistance class
T_Tapa C90 Metatray	100x400mm	Straight cover for the protection of Metatray insulating cable trays for the support, protection and management of cables.	Cover for insulating accessory for the management of cables with 90° for Metatray® cables trays and trunkings, width 400 mm. Manufactured in PVC-based Thermoplastic insulating material. Grey RAL 7035 colour for the support, protection and conduction of cables	PVC-based Thermoplastic insulating material	82004067	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
T_Tapa C CNC Metatray	100x400mm	Cover for Metatray insulating inside riser for support, protection and cable management	Cover for insulating inside rise of 90º for the management of cable for Metatray® cables trays and trunkings. Width 400 mm. Excellent application for solar roofs. Made of PVC-based thermoplastic insulating material. Colour grey RAL 7035.	PVC-based Thermoplastic insulating material	82004064	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
T_Tapa C CNV Metatray	100x400mm	Cover for Metatray insulating outside riser for support, protection and cable management	Cover for insulating outside rise of 90º for the management of cable for Metatray® cables trays and trunkings. Width 400 mm. Excellent application for solar roofs. Made of PVC-based thermoplastic insulating material. Colour grey RAL 7035.	PVC-based Thermoplastic insulating material	82004061	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
T_Tapa final	100x400mm	Cover for the final closure of Metatray® cables trays and trunkings.	Cover for the final closure of Metatray® cables trays and trunkings. Of 100 mm height and 400 mm width. Excellent application for solar roofs. Made of PVC-based thermoplastic insulating material. Colour grey RAL 7035.	PVC-based Thermoplastic insulating material	82003739	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
T_Tapa tramo recto Metatray	400mm	Straight cover for the protection of Metatray insulating cable trays for the support, protection and management of cables.	Cover in insulating material. Width 400 mm, Length of 3 metres. Grey RAL 7035 colour for the protection of Metatray perforated and solid insulating trays. Provides mechanical protection and watertightness. Configure the tray as a protective trunking.	PVC-based Thermoplastic insulating material	82003667	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
U_Bisagra vertical Metatray_CNC	Bisagra vertical Metatray	Vertical level change hinge for Metatray insulating cable trays for the support, protection and management of cables.	Jointing piece for the creation of level changes with variable angles with Metatray® insulating trays. Made of thermoplastic insulating material on PVC basis. Colour grey RAL 7035.	PVC-based Thermoplastic insulating material	81000285	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
U_Bisagra vertical Metatray_CNV	Bisagra vertical Metatray	Vertical level change hinge for Metatray insulating cable trays for the support, protection and management of cables.	Jointing piece for the creation of level changes with variable angles with Metatray® insulating trays. Made of thermoplastic insulating material on PVC basis. Colour grey RAL 7035.	PVC-based Thermoplastic insulating material	81000285	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
U_Codo 90 Metatray	Codo Metatray	Metatray insulating 90º bend for support, protection and cable management	Insulating accessory for the management of cable with 90° for Metatray® cables trays and trunkings. Manufactured in PVC-based Thermoplastic insulating material.	PVC-based Thermoplastic insulating material	82003729	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
U_Codo CNC Metatray	Codo vertical cóncavo Metatray	Metatray insulating inside riser for support, protection and cable management	Insulating inside rise of 90º for the management of cable for Metatray® cables trays and trunkings. Manufactured in PVC-based Thermoplastic insulating material.	PVC-based Thermoplastic insulating material	82003712	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
U_Codo CNV Metatray	Codo vertical convexo Metatray	Metatray insulating outside riser for support, protection and cable management	Insulating outside rise of 90º for the management of cable for Metatray® cables trays and trunkings. Manufactured in PVC-based Thermoplastic insulating material.	PVC-based Thermoplastic insulating material	82003695	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
U_Cruce Metatray	Derivación-Te Metatray	Fitting for the construction of crossovers (4pieces) of Metatray® insulating trays for the conduction of electrical and telecommunication cables.	Fitting for the construction of crossovers (4pieces) of Metatray® insulating trays for the conduction of electrical and telecommunication cables. Colour grey RAL 7035. Made of PVC-based thermoplastic insulating material.	PVC-based Thermoplastic insulating material	81000289	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
U_Derivación Te Metatray	Derivación-Te Metatray	Fitting for the construction of T-joints (2 pieces) of Metatray® insulating trays for the conduction of electrical and telecommunication cables.	Fitting for the construction of T-joints (2 pieces) of Metatray® insulating trays for the conduction of electrical and telecommunication cables. Colour grey RAL 7035. Made of PVC-based thermoplastic insulating material.	PVC-based Thermoplastic insulating material	81000289	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating
U_Unión recta Metatray	Unión recta	Straight coupler for Metatray® insulating trays	Straight joint for Metatray® insulating trays. This coupler is installed by pre-fitting thanks to the design of the Metatray cable tray, easing the joining of the sections. Colour grey RAL 7035. Made of PVC-based thermoplastic insulating material.	PVC-based Thermoplastic insulating material	82003673	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL	Insulating

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Maximum functionality and adaptation to different spaces and environments. Wide range of accessories with multiple applications

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Schedules

P02

31/10/2024

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PEMSA - Metatray©

Valid for: Autodesk Revit 2021 or later

Fabricante	Pemsa Cable Management
Contacto - email	ingenieria@pemsa-rejiband.com
Contacto - teléfono	0034 918023488
Tipo	Metatray Perforada
Tipo de bandeja	Bandeja perforada aislante
Modelo	Metatray bandeja perforada aislante
Catálogo	
Certificado Marcado N AENOR	https://www.pemsa-rejiband.com/wp-content/uploads/2024/05/N-AENOR-Metatray-2632-2024.pdf
Certificados	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL
Clase de resistencia a corrosión	Aislante
Descripción	Bandeja perforada en material aislante. Ala de alto 60 mm, Ancho 100 mm. Color gris RAL 7035, para conducción para el soporte, protección y conducción de cables. Máxima funcionalidad y adaptación a diferentes espacios y ambientes. Excelente comportamiento en ambientes corrosivos, intemperie y exposición a la radiación UV. Amplia gama de accesorios con múltiples aplicaciones. Bandeja con tapa (canal protectora aislante) según EN 50085. Cumple con directivas REACH y ROHS III. Libre de sustancias peligrosas.
Acabado	Material termoplástico aislante en base de PVC
Referencia	82004160
Ficha técnica	https://www.pemsa-rejiband.com/catalog/es/ficha-tecnica/n/W_METATRAY_PERF/r/82004160
Especificación técnica	https://www.pemsa-rejiband.com/wp-content/uploads/2024/04/METATRAY_Catalogo_Gama_Bandejas_Aislantes_Ed.Abril24.pdf
Categoría de tipo WEB	W_METATRAY_PERF
Comentarios de tipo	Bandeja perforada aislante para el soporte, protección y conducción de cables
Fecha de revisión	31/09/2024
Nota clave	PPEM92034300
URL	https://www.pemsa-rejiband.com/catalog/es/n/W_METATRAY_PERF/82004160
Video	https://youtu.be/4Fmyusqp0JU
Validez de información	Información válida hasta el momento de la descarga. Pemsa se reserva el derecho de modificar este archivo en cualquier momento sin previo aviso.

ENG_Cable tray type	Insulating perforated cable tray
ENG_Catalog	
ENG_Certificate IECEE CB SCHEME	https://www.pemsa-rejiband.com/wp-content/uploads/2024/05/IECCE-CB-Metatray-ES2690-2024.pdf
ENG_Certificates	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL
ENG_Corrosion resistance class	Insulating
ENG_Description	Perforated tray made of insulating material. Grey RAL 7035 colour for the support, protection and conduction of cables. Maximum functionality and adaptation to different spaces and environments. Excellent performance in corrosive environments, weathering and exposure to UV radiation. Wide range of accessories with multiple applications. Tray with lid (insulating protective channel) according to EN 50085. Complies with REACH and ROHS III directives. Free of dangerous substances.
ENG_Finish	PVC-based Thermoplastic insulating material
ENG_Reference	82004160
ENG_Technical data sheet	https://www.pemsa-rejiband.com/catalog/en/ficha-tecnica/n/W_METATRAY_PERF/r/82004160
ENG_Technical specificacion	https://www.pemsa-rejiband.com/wp-content/uploads/2024/05/N-AENOR-Metatray-2632-2024.pdf
ENG_Valid information	Valid information until download. Pemsa reserves the right to modify this file at any time without notice.

FRA_Type de chemin de câble	Chemin de câbles perforée isolant
FRA_Catalog	
FRA_Certificat IECEE CB SCHEME	https://www.pemsa-rejiband.com/wp-content/uploads/2024/05/IECCE-CB-Metatray-ES2690-2024.pdf
FRA_Certificats	CE, UKCA, IEC 61537; EN 50085, N AENOR, RoHS, RAEE, UL
FRA_Classe de résistance à la corrosion	Isolant
FRA_Description	Chemin de câbles perforé isolant. Couleur gris RAL 7035, pour cheminement pour le support, la protection et le cheminement des câbles. Fonctionnalité maximale et adaptation aux différents espaces et environnements. Excellentes performances dans les environnements corrosifs, aux intempéries et à l'exposition aux rayons UV. Large gamme d'accessoires avec de multiples applications. Chemin de câbles avec couvercle (canal de protection isolant) selon EN 50085. Conforme aux directives REACH et ROHS III. Exempt de substances dangereuses.
FRA_Fini	Matériau thermoplastique isolant à base de PVC
FRA_Référence	82004160
FRA_Fiche tecnique	https://www.pemsa-rejiband.com/catalog/en/ficha-tecnica/n/W_METATRAY_PERF/r/82004160
FRA_Spécifications techniques	https://www.pemsa-rejiband.com/wp-content/uploads/2024/05/N-AENOR-Metatray-2632-2024.pdf
FRA_Informations valides	Information valide jusqu'à la sortie. Pemsa se réserve le droit de modifier ce fichier à tout moment sans préavis.

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