Ref. Certif. No.

ES2577-A1-AENOR

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	CABLE MANAGEMENT-CABLE TRAY SYSTEMS
Name and address of the applicant	PEMSA CABLE MANAGEMENT, S.A. Polígono Industrial LA GARENA, CL GALILEO GALILEI, 22-24 28806 ALCALÁ DE HENARES (Madrid - Spain)
Name and address of the manufacturer	SAME AS ABOVE
Name and address of the factory	SAME AS ABOVE
Note: *When more than one factory, please report on page 2*	☐ Additional Information on page 2
Ratings and principal characteristics	See Annex
Trademark (if any)	PEMSABAND ONE
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	See references on the Annex
Additional information (if necessary may also be reported on page 2)	☐ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 61537:2006
As shown in the Test Report Ref. No. which forms part of this Certificate	CEL-0417/22-1_1 to CEL-0417/22-1_16

This CB Test Certificate is issued by the National Certification Body

AENOR INTERNACIONAL S.A.U.
Cl Génova, 6
ES-28004 MADRID (SPAIN)

Date: 2023-04-14

Signature: Rafael GARCÍA MEIRO
CEO

ANNEX TO CB CERTIFICATE Nº ES2577-A1-AENOR

CERTIFIED REFERENCES AND THEIR PRINCIPAL CHARACTERISTICS

Trade mark: PEMSABAND ONE
Product: CABLE MANAGEMENT-CABLE TRAY SYSTEMS
System component: Cable tray length

Reference	Height x Width x Long [mm]	Safe working load (SWL) [N/m]	Surface treatment	Type accessory	Additional information
75121100	35x100x3000	320	Pre-galvanised	90º bend / T / Derivation / Cover	70020110/70022110/ 70023110/73021100
75121150	35x150x3000	350	Pre-galvanised	90º bend / T / Derivation / Cover	70020115/70022115/ 70023115/73021150
75121200	35x200x3000	390	Pre-galvanised	90º bend / T / Derivation / Cover	70020120/70022120/ 70023120/73021200
75121300	35x300x3000	529	Pre-galvanised	90º bend / T / Derivation / Cover	70020130/70022130/ 70023130/73021300
75122060	60x60x3000	429	Pre-galvanised	90º bend // Derivation / Cover	70020206//70023206 /73021060
75122100	60x100x3000	475	Pre-galvanised	90º bend / T / Derivation / Cover	70020210/70022210/ 70023210/73021100
75122150	60x150x3000	600	Pre-galvanised	90º bend / T / Derivation / Cover	70020215/70022215/ 70023215/73021150
75122200	60x200x3000	800	Pre-galvanised	90º bend / T / Derivation / Cover	70020220/70022220/ 70023220/73021200
75122300	60x300x3000	800	Pre-galvanised	90º bend / T / Derivation / Cover	70020230/70022230/ 70023230/73021300
75122400	60x400x3000	729	Pre-galvanised	90º bend / T / Derivation / Cover	70020240/70022240/ 70023240/73021400
75122500	60x500x3000	997	Pre-galvanised	90º bend / T / Derivation / Cover	70020250/70022250/ 70023250/73021500
75122600	60x600x3000	1100	Pre-galvanised	90º bend / T / Derivation / Cover	70020260/70022260/ 70023260/73021600
75131100	35x100x3000	320	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030110/70032110/ 70033110/73031100
75131150	35x150x3000	350	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030115/70032115/ 70033115/73031150
75131200	35x200x3000	390	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030120/70032120/ 70033120/73031200
75131300	35x300x3000	529	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030130/70032130/ 70033130/73031300
75132060	60x60x3000	429	Hot-dip galvanised	90º bend // Derivation / Cover	82003580/82003581/ 73031060
75132100	60x100x3000	475	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030210/70032210/ 70033210/73031100
75132150	60x150x3000	600	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030215/70032215/ 70033215/73031150
75132200	60x200x3000	800	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030220/70032220/ 70033220/73031200
75132300	60x300x3000	800	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030230/70032230/ 70033230/73031300
75132400	60x400x3000	729	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030240/70032240/ 70033240/73031400
75132500	60x500x3000	997	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030250/70032250/ 70033250/73031500
75132600	60x600x3000	1100	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030260/70032260/ 70033260/73031600
75224100	100x100x3000	800	Pre-galvanised	90º bend / T / Derivation / Cover	70020410/70022410/ 70023410/73021100
75224200	100x200x3000	797	Pre-galvanised	90º bend / T / Derivation / Cover	70020420/70022420/ 70023420/73021200
75224300	100x300x3000	880	Pre-galvanised	90º bend / T / Derivation / Cover	70020430/70022430/ 70023430/73021300
75224400	100x400x3000	757	Pre-galvanised	90º bend / T / Derivation / Cover	70020440/70022440/ 70023440/73021400
75224500	100x500x3000	1402	Pre-galvanised	90º bend / T / Derivation / Cover	70020450/70022450/ 70023450/73021500
75224600	100x600x3000	1151	Pre-galvanised	90º bend / T / Derivation / Cover	70020460/70022460/ 70023460/73021600

ANNEX TO CB CERTIFICATE Nº ES2577-A1-AENOR

CERTIFIED REFERENCES AND THEIR PRINCIPAL CHARACTERISTICS

Reference	Height x Width x Long [mm]	Safe working load (SWL) [N/m]	Surface treatment	Type accessory	Additional information
75234100	100x100x3000	800	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030410/70032410/ 70033410/73031100
75234200	100x200x3000	797	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030420/70032420/ 70033420/73031200
75234300	100x300x3000	880	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030430/70032430/ 70033430/73031300
75234400	100x400x3000	757	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030440/70032440/ 70033440/73031400
75234500	100x500x3000	1402	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030450/70032450/ 70033450/73031500
75234600	100x600x3000	1151	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030460/70032460/ 70033460/73031600
75424100	100x100x3000	800	Pre-galvanised	90º bend / T / Derivation / Cover	70020410/70022410/ 70023410/73021100
75424200	100x200x3000	797	Pre-galvanised	90º bend / T / Derivation / Cover	70020420/70022420/ 70023420/73021200
75424300	100x300x3000	880	Pre-galvanised	90º bend / T / Derivation / Cover	70020430/70022430/ 70023430/73021300
75424400	100x400x3000	757	Pre-galvanised	90º bend / T / Derivation / Cover	70020440/70022440/ 70023440/73021400
75424500	100x500x3000	1402	Pre-galvanised	90º bend / T / Derivation / Cover	70020450/70022450/ 70023450/73021500
75424600	100x600x3000	1151	Pre-galvanised	90º bend / T / Derivation / Cover	70020460/70022460/ 70023460/73021600
75434100	100x100x3000	800	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030410/70032410/ 70033410/73031100
75434200	100x200x3000	797	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030420/70032420/ 70033420/73031200
75434300	100x300x3000	880	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030430/70032430/ 70033430/73031300
75434400	100x400x3000	757	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030440/70032440/ 70033440/73031400
75434500	100x500x3000	1402	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030450/70032450/ 70033450/73031500
75434600	100x600x3000	1151	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030460/70032460/ 70033460/73031600
75821100	35x100x3000	320	Pre-galvanised	90º bend / T / Derivation / Cover	70020110/70022110/ 70023110/73021100
75821150	35x150x3000	350	Pre-galvanised	90º bend / T / Derivation / Cover	70020115/70022115/ 70023115/73021150
75821200	35x200x3000	390	Pre-galvanised	90º bend / T / Derivation / Cover	70020120/70022120/ 70023120/73021200
75821300	35x300x3000	529	Pre-galvanised	90º bend / T / Derivation / Cover	70020130/70022130/ 70023130/73021300
75822060	60x60x3000	429	Pre-galvanised	90º bend // Derivation / Cover	70020206//70023206/ 73021060
75822100	60x100x3000	475	Pre-galvanised	90º bend / T / Derivation / Cover	70020210/70022210/ 70023210/73021100
75822150	60x150x3000	600	Pre-galvanised	90º bend / T / Derivation / Cover	70020215/70022215/ 70023215/73021150
75822200	60x200x3000	800	Pre-galvanised	90º bend / T / Derivation / Cover	70020220/70022220/ 70023220/73021200
75822300	60x300x3000	800	Pre-galvanised	90º bend / T / Derivation / Cover	70020230/70022230/ 70023230/73021300
75822400	60x400x3000	729	Pre-galvanised	90º bend / T / Derivation / Cover	70020240/70022240/ 70023240/73021400
75822500	60x500x3000	997	Pre-galvanised	90º bend / T / Derivation / Cover	70020250/70022250/ 70023250/73021500
75822600	60x600x3000	1100	Pre-galvanised	90º bend / T / Derivation / Cover	70020260/70022260/ 70023260/73021600
75831100	35x100x3000	320	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030110/70032110/ 70033110/73031100
75831150	35x150x3000	350	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030115/70032115/ 70033115/73031150

ANNEX TO CB CERTIFICATE Nº ES2577-A1-AENOR

CERTIFIED REFERENCES AND THEIR PRINCIPAL CHARACTERISTICS

Reference	Height x Width x Long [mm]	Safe working load (SWL) [N/m]	Surface treatment	Type accessory	Additional information
75831200	35x200x3000	390	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030120/70032120/ 70033120/73031200
75831300	35x300x3000	529	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030130/70032130/ 70033130/73031300
75832060	60x60x3000	429	Hot-dip galvanised	90º bend // Derivation / Cover	82003580//82003581/ 73031060
75832100	60x100x3000	475	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030210/70032210/ 70033210/73031100
75832150	60x150x3000	600	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030215/70032215/ 70033215/73031150
75832200	60x200x3000	800	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030220/70032220/ 70033220/73031200
75832300	60x300x3000	800	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030230/70032230/ 70033230/73031300
75832400	60x400x3000	729	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030240/70032240/ 70033240/73031400
75832500	60x500x3000	997	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030250/70032250/ 70033250/73031500
75832600	60x600x3000	1100	Hot-dip galvanised	90º bend / T / Derivation / Cover	70030260/70032260/ 70033260/73031600
82003744	60x60x3000	429	High resistance finish AZ+	90º bend // Derivation / Cover	82003782//82003798/ 82003760
82003745	60x100x3000	475	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003783/82003791/ 82003799/82003761
82003746	60x150x3000	600	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003784/82003792/ 82003800/82003762
82003747	60x200x3000	800	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003785/82003793/ 82003801/82003763
82003748	60x300x3000	800	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003786/82003794/ 82003802/82003764
82003749	60x400x3000	729	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003787/82003795/ 82003803/82003765
82003750	60x500x3000	770	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003788/82003796/ 82003804/82003766
82003751	60x600x3000	899	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003789/82003797/ 82003805/82003767
82003752	60x60x3000	429	High resistance finish AZ+	90º bend // Derivation / Cover	82003782//82003798/ 82003760
82003753	60x100x3000	475	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003783/82003791/ 82003799/82003761
82003754	60x150x3000	600	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003784/82003792/ 82003800/82003762
82003755	60x200x3000	800	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003785/82003793/ 82003801/82003763
82003756	60x300x3000	800	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003786/82003794/ 82003802/82003764
82003757	60x400x3000	729	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003787/82003795/ 82003803/82003765
82003758	60x500x3000	770	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003788/82003796/ 82003804/82003766
82003759	60x600x3000	899	High resistance finish AZ+	90º bend / T / Derivation / Cover	82003789/82003797/ 82003805/82003767

Classification:

6.1 According to material: **Metallic**

6.2 According to resistance to flame: **No flame propagation**

6.3 Electrical continuity: **With Electrical continuity**

- Maximum impedance of a joint of cable trays: **< 50 mOhm**
- Maximum impedance along the length of a cable tray: **< 5 mOhm /m**

6.4 Electrical conductivity: **Conductive**

CERTIFIED REFERENCES AND THEIR PRINCIPAL CHARACTERISTICS

6.6 According to temperature:

- Minimum temperature for transport, storage, installation, and use: **- 50 °C**
- Maximum temperature for transport, storage, installation, and use: **+150 °C**

6.7 According to perforation in the base area:

Perforated cable tray PEMSABAND ONE: **B Classification**

Blind cable tray PEMSABAND ONE: **A Classification**

6.9 According to impact resistance: **Up to 20 J**

10.2 SWL test (Safety Working Load):

- Cable tray length (span tested): **1,5 m**