



Connection Solutions
4Workplaces

simon
connect

**general
catalogue**
2011 - 2012



K45 PVC AND ALUMINIUM TRUNKING

C Specifications:

- Material: PVC and anodised-aluminium trunking.
- White and painted-aluminium thermoplastic accessories (except 70x50).
- Direct integration of Simon K45 mechanisms.
- Trunking length: 2 metres sections.
- Protective film.
- IP protection level: 4x.
- Impact resistance: IK07, medium.
- Does not propagate flames.

Complies with:

- Directive 2006/95/EC.
- Low voltage electrotechnical regulations, Royal Decree 842/2002
- Harmonised standard UNE-EN-50.085.
- Regulations for Common Telecommunication Infrastructures (RICT) RD 401/2003.
- RoHS directive.
- EC-marked product.

✓ Quick and easy installation

K45 direct snap-fit mechanisms

Enables the assembly of all the mechanisms in the K45 range **without needing any accessories**, which affords great savings in assembly time and therefore reduces installation costs.



✓ Installation safety



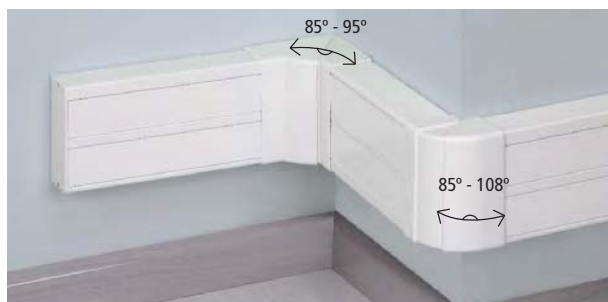
Separation of electrical and VDM circuits

The **interior separations**, which are pressure-fitted without using tools, and the **double or triple fixed compartmentalisation** of the trunkings enables insulation and improved organisation of the electrical and telecommunications cables.



✓ Increased flexibility

Variable angle pieces in pure white or aluminium. Allow better adaptation of the trunking to the unevenness of a wall.





T-PIECE EARTH JUNCTIONS

Maintain the IP4X level in the installation and hide the trunking cuts in the T-piece earth connections from any size of trunking to trunking with a width of 90, 130 or 160 mm.



STIFFENER

By placing the stiffener on either side of the assembly of electrical sockets or any plate in K45 format, **increased rigidity can be achieved for the fastening of mechanisms and plates** to the trunking.

This accessory also acts as a trim for the cover connections.



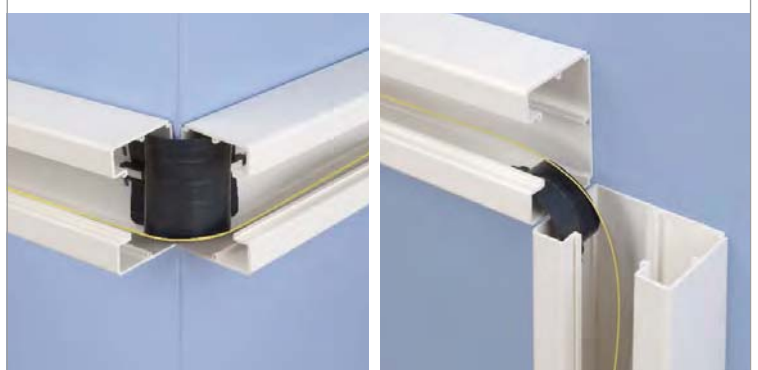
JUNCTION TO MINI-TRUNKING AND PVC CABLE ADAPTER TRUNKING

Simply by cutting the piece along the perforated line, it adapts to the desired mini-trunking size.



OUTER RADIUS OF CURVATURE





They protect the telecommunications cables and afford them an optimum curvature radius for each type of corner piece.




FLAT RADIUS OF CURVATURE




PVC TRUNKING FOR K45 MECHANISMS

Trunking	Accessories			
 <ul style="list-style-type: none"> PVC/Pure white Length: 2 m 	 <p>Flat angle piece</p>	 <p>Variable external angle piece</p>	 <p>Variable internal angle piece</p>	 <p>End cover</p>


90x55 mm 1 compartment

 <p>The 90x55 trunking is supplied with 1 stiffener every 0.5 m</p> <p>TK12081 /9</p>	TKA101208 /9	TKA102208 /9	TKA103208 /9	TKA905502 /9
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130x55 mm 2 compartments

 <p>TK12102 /9</p>	TKA1305505 /9	TKA1305506 /9	TKA1305507 /9	TKA1305502 /9
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160x55 mm 2 compartments

 <p>TK12122 /9</p>	TKA101212 /9	TKA1605506 /9	TKA1605507 /9	TKA1605502 /9
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185x55 mm 3 compartments

 <p>TK12143 /9</p>	TKA101214 /9	TKA1855506 /9	TKA1855507 /9	TKA1855502 /9
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Functional accessories



TKA901 /9
K45 Trunking stiffener
Provides rigidity to the mechanism fastening. Cover splice joint trim. Supplied in 90x55-mm trunking



TKA902
PVC divider
(1000x45 mm)
Supplied in 1 metre sections.



TKA903
Section connecting pin
Connects parts of sections and helps to level and provide a better finish.

Spare Parts PVC K45 trunking



RTT001 /9
Front cover for K45 PVC trunking. 2 m.





				
Sealing ring	T junction	Junction to mini-trunking 10x22, 20x30, 20x50 and 40x60	Flat radius of curvature	Outer radius of curvature

TKA105208 /9	to 90x55 TKA106208 /9	TKA107 /9	TKA108	TKA109
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TKA1305508 /9	to 90x55 TKA106208 /9 to 130x55 TKA106210 /9	TKA107 /9	TKA108	TKA109
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TKA105212 /9	to 90x55 TKA106208 /9 to 130x55 TKA106210 /9 to 160x55 TKA106212 /9	TKA107 /9	TKA108	TKA109
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TKA105214 /9	to 90x55 TKA106208 /9 to 130x55 TKA106210 /9 to 160x55 TKA106212 /9	TKA107 /9	TKA108	TKA109
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K45 Installation accessories				
	KS11/.. Electrical sockets Quick terminal connection <i>+ information page 74</i>	K106A/.. Protection K45 circuit-breaker <i>+ information page 76</i>	KB95U/.. VD plates K45 VD plate with connectors <i>+ information page 78</i>	K100B/.. Multimedia Plates K45 Plate 1 VGA connector <i>+ information page 82</i>



ALUMINIUM TRUNKING FOR K45 MECHANISMS

Trunking

Accessories

<ul style="list-style-type: none"> Anodised aluminium Length: 2 m 	Flat angle piece (Painted aluminium)	Variable outer angle piece (Painted aluminium)	Variable inner angle piece (Painted aluminium)	End cover (Painted aluminium)

90x55 mm
1 compartment

	TKA101208 /8	TKA102208 /8	TKA103208 /8	TKA905502 /8
TK11081 /8				

130x55 mm
2 compartments

	TKA10305505 /8	TKA1305506 /8	TKA1305507 /8	TKA1305502 /8
TK11102 /8				

160x55 mm
2 compartments

	TKA101212 /8	TKA1605506 /8	TKA1605507 /8	TKA1605502 /8
TK11122 /8				

185x55 mm
3 compartments

	TKA101214 /8	TKA1855506 /8	TKA1855507 /8	TKA1855502 /8
TK11143 /8				

70x50 mm
1 compartment

Accessories for 70x50 mm stainless-steel trunking

	Universal Accessory (flat corner piece and junction)	Fixed external angle piece	Fixed internal angle piece	End cover (Stainless steel)
TK11071 /8 *	TKA101307 /8	TKA102307 /8	TKA103307 /8	TKA104307 /8

*The 70x50 mm trunking model does not allow the assembly of multi-sockets ref. K11/..., K22/..., KS11/... and KS22/...

Functional accessories



TKA902
PVC divider (1000x45 mm)
Supplied in 1 metre sections.







TKA903
1 U section joint pin
Connects parts of sections and helps to level and provide a better finish.



TKA904
Cable with faston connector for 120 mm earth connection
For earthing sections

Anodised aluminium	Pale grey Ral 7035
/8	/24





			
Splice plate (Painted aluminium)	T junction (Painted aluminium)	Flat radius of curvature	Outer radius of curvature

TKA105208 /8	to 90x55 TKA106208 /8	TKA108	TKA109
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TKA1305508 /8	to 90x55 TKA106208 /8 to 130x55 TKA106210 /8	TKA108	TKA109
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TKA105212 /8	to 90x55 TKA106208 /8 to 130x55 TKA106210 /8 to 160x55 TKA106212 /8	TKA108	TKA109
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TKA105214 /8	to 90x55 TKA106208 /8 to 130x55 TKA106210 /8 to 160x55 TKA106212 /8	TKA108	TKA109
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		Spare Parts Aluminium K45 Trunking		
End cover (ABS grey finish)	Splice plate		RTT001 /8 Aluminium K45 trunking cover 2 m. Anodised aluminium	RTP002 /8 Aluminium K45 trunking section 70x50 mm Anodised aluminium
TKA104207 /24	TKA105307 /8			

K45 Installation accessories				
	K11/.. Electrical sockets Quick terminal connection <i>+ information page 74</i>	K106A/.. Protection K45 circuit-breaker <i>+ information page 76</i>	KB95U/.. VD plates K45 VD plate with connectors <i>+ information page 78</i>	K100B/.. Multimedia Plates K45 Plate 1 VGA connector <i>+ information page 82</i>

 Technical details
See page 184

 Trunking section
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