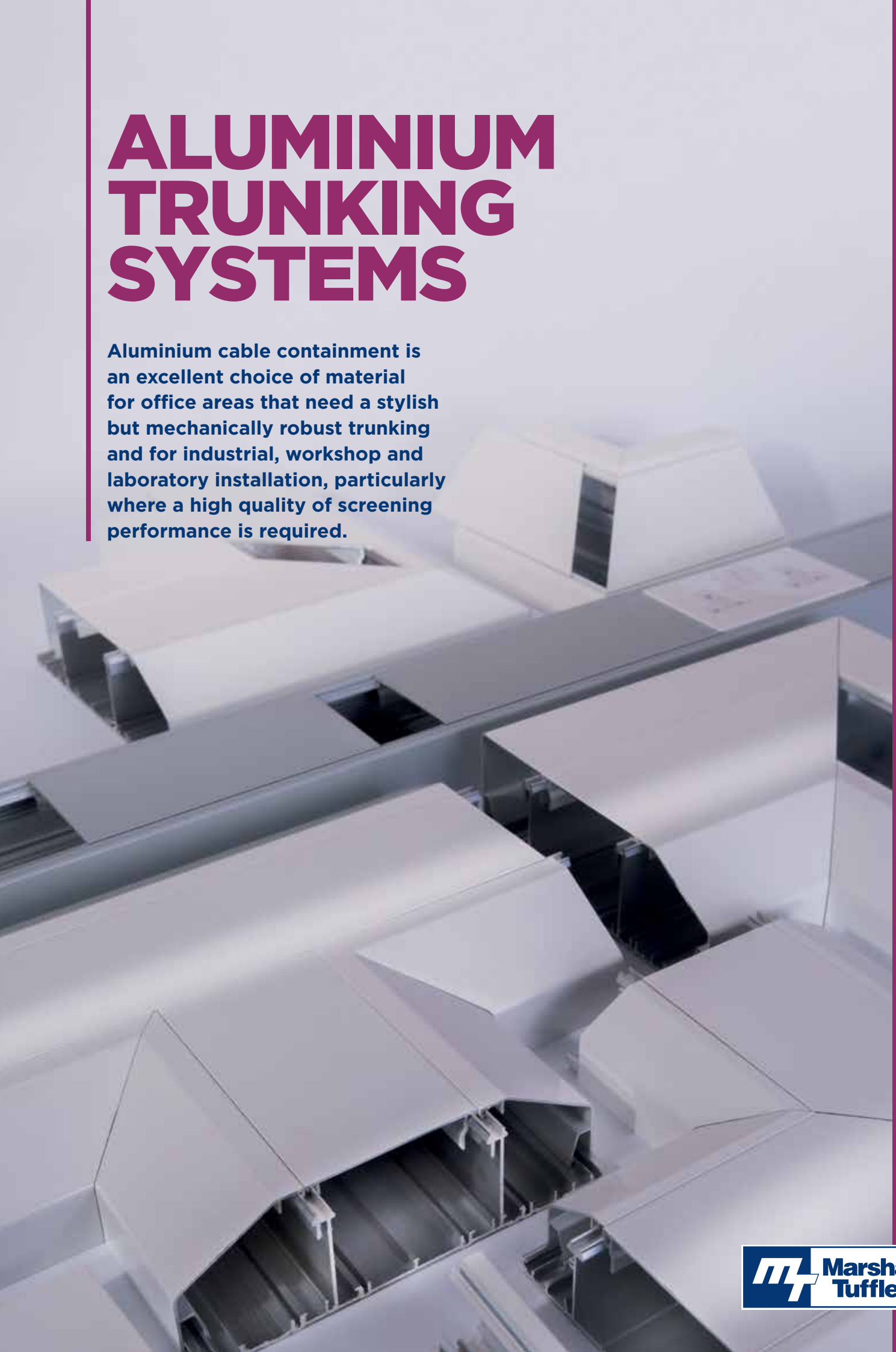
ALUMINIUM TRUNKING SYSTEMS

Aluminium cable containment is an excellent choice of material for office areas that need a stylish but mechanically robust trunking and for industrial, workshop and laboratory installation, particularly where a high quality of screening performance is required.



Marshall Tufflex

ALUMINIUM TRUNKING SYSTEMS

The physical properties of aluminium offer the building industry a high quality material that is ideally suited for internal cable management distribution. Aluminium is light to handle with high mechanical strength and impact-resistance. Extruded sections provide attractive profiles and products are finished with a high quality, powder-coat that provides a blemish-resistant surface.

Aluminium perimeter trunking systems provide the specifier, contractor and end-user with elegant, stream-lined containment that offers the practical advantages of inherent LS0H (low smoke zero halogen) and screening properties. Aluminium is an excellent choice for office and educational areas requiring a stylish yet robust trunking system, particularly effective where a high quality of screening performance and security is required.

Marshall-Tufflex offer a wide range of multi-compartment aluminium trunking in different heights, designs, cable capacities and numbers of compartments so whatever the requirements, there will always be a perfect solution with Marshall-Tufflex.

Choose the UK's number one in cable management.

Standard colour

The standard colour for each Marshall-Tufflex range is shown within each relevant product information section, although silver grey 9006 is our most popular colour option in aluminium trunking.

The below table identifies the relevant RAL colour reference for all our standard colour options, dependent on product range. We would be happy to quote for any other colour requirements, please see the Special colours section below.

Standard Colours	
WH	SG
WH: White	SG: Silver Grey

Material	Standard colour	Colour code suffix	RAL
Aluminium	Silver Grey White	SG WH	9006 9016

Please note: it is dependent on the product range as to which colour is available as standard.

Special colours

To help enhance the style of an installation, different variations of solid colour are sometimes required.

We can provide special colours in a painted solution dependent on your client's preference. All special colour requirements will need to be specified as a RAL colour.

These colours are made to order and therefore are subject to set up charges and a longer lead time. For more information and a quotation contact our Technical Team on +44 (0)1424 856688.

Please note: due to different processes and materials utilised, it may not always be possible to obtain an exact colour match between the extruded and moulded product.

Environmental & sustainability

- Aluminium is naturally found combined in over 270 different minerals, the chief source of which is bauxite ore.
- Its light weight means less strain on supporting structures, easier handling and reduced transport costs.
- 100% recyclable material and can be recycled many times without loss of quality.
- Recycling facilities are well established.

EMI protection

- First class EMI screening performance especially at higher frequencies.

Fire performance

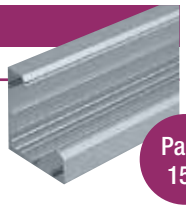
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LS0H.
- Withstands high temperatures with a melting point of 655°C (1211°F).
- Polycarbonate fittings are fire rated to UL94 V0.

Aluminium systems are available with standard powder coat finishes in white RAL 9016 or silver-grey RAL 9006*. For other finishes, please call our Technical Team on +44 (0)1424 856688.

Bench trunking

105 x 105mm

Desk and laboratory trunking.



Page 152

Elegance 110

110 x 55mm

Dado and skirting trunking with a single cover.

Page 154

Sterling Profile 1

167 x 50mm

Dado trunking with three separate compartments and individual covers for each compartment.

Page 156

Sterling Profile 2

167 x 50mm

Skirting trunking with three separate compartments and individual covers for each compartment.

Page 156

Sterling Profile 3

167 x 50mm

Dado and skirting trunking with three separate compartments and individual covers for each compartment.

Page 156

Sterling Curve Profile 1

167 x 50mm

A stylish curved three compartment dado trunking system designed to stop clutter, avoid dust traps and to make cleaning easy.

*Only available in silver-grey RAL 9006 as standard.

Page 160

Sterling Curve Profile 2

167 x 50mm

A stylish curved three compartment skirting trunking system designed to stop clutter, avoid dust traps and to make cleaning easy.

*Only available in silver-grey RAL 9006 as standard.

Page 160

Elegance 170

170 x 55mm

A single cover “C” style trunking that can be sub-divided if required giving the installer versatility and added capacity. Can be used at dado and skirting level.

*Only available in silver-grey RAL 9006 as standard.

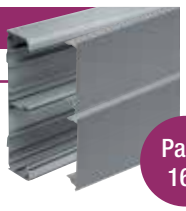
Page 165

Twin Plus

210 x 57mm

Large capacity dado and skirting trunking with two deep compartments with in-built segregation of power and data.

*Only available in silver-grey RAL 9006 as standard.



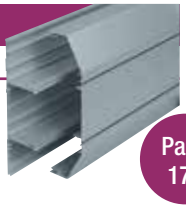
Page 167

XL301

220 x 65mm

Dado trunking with three deep compartments.

*Only available in silver-grey RAL 9006 as standard.



Page 170

XL302

220 x 65mm

Skirting trunking with three deep compartments.

*Only available in silver-grey RAL 9006 as standard.

Page 170

Note: you may use the rule on the left of this page to check profile sizes.

BENCH TRUNKING ALUMINIUM

Bench trunking aluminium is a robust angled trunking that can be mounted directly on to desks, work benches or fitted under shelving.

Can be subdivided

Product information

- 105 x 105mm
- Suitable for desk, bench or worktop applications
- Can be subdivided
- Fully compatible with Sterling flush power and data accessories
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LS0H

Data information

- Compliant up to Cat 7a
- Adjustable data box 32-40mm
- Screened divider and data boxes

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.

Standard Colours	
WH	SG
WH: White	SG: Silver Grey

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

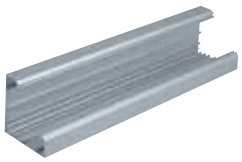
Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 54.

#Data fittings

For made to order fittings to meet Cat 7a requirements please contact our Technical Team on +44 (0)1424 856688

Basic components



Base unit

code	size	pack
MBTAB105SG	105 x 105mm	1 x 3m

Cover

code	material	pack
MBTAL105SG	aluminium	1 x 3m
ETL1WH	PVC-U	8 x 3m

Aluminium base and PVC-U cover

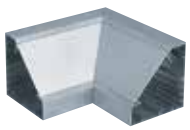
Our PVC-U cover is compatible with our aluminium base. Order ETL1WH PVC-U cover

Fittings

End cap (steel)

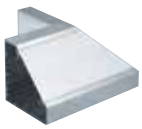
code	pack
BECA105SG	1

with fixing screws



Internal angle (aluminium)

code	pack
BIAA105SG	1



External angle (aluminium)

code	pack
BEAA105SG	1

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Components

Dividing fillet (PVC-U)

code	pack
BDF105WH	4 x 3m

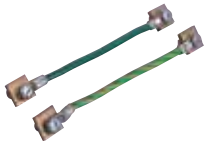
Earth bonding kit

code	pack
LBT3	1

Coupler pin

code	description	pack
LDP1	ø2.0 x 20mm	10

To aid alignment of base profiles

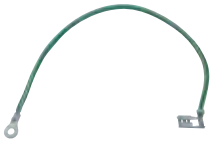


Bonding strap

code	description	pack
LBS1	base to base 32 amp	5

Bonding strap

code	description	pack
LBS2	cover to base	5



Bonding strap

code	description	pack
LBS3	end cap to base	1

Boxes and plates (polycarbonate)

RCD/MCB housing

code	description	pack
EAHCA1MWH	polycarbonate	1

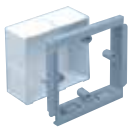
Not available in silver grey.
*Up to 4 modules can be accommodated.
Note: RCDs and MCBs are not supplied by Marshall-Tufflex.

1 gang accessory box 30mm deep

code	pack
ESSB1SG	1
ESSBA1WH	1

2 gang accessory box 30mm deep

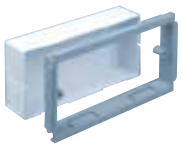
code	pack
ESSB2SG	1
ESSBA2WH	1



1 gang adjustable depth box

code	depth	pack
EAB1SG	32-47mm	1

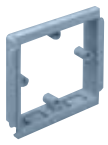
Please see page 261 for more information on the range of adjustable boxes



2 gang adjustable depth box

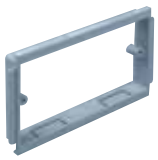
code	depth	pack
EAB2SG	32 – 47mm	1

Please see page 261 for more information on the range of adjustable boxes



1 gang accessory plate

code	pack
ESSP1SG	2



2 gang accessory plate

code	pack
ESSP2SG	2

Screened boxes

1 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA1SWH	30mm	20

2 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA2SWH	30mm	10

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to assist with screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. As per the current version of BS 7671 wiring regulations. For data/voice use only.

ELEGANCE 110 ALUMINIUM

Elegance 110 aluminium is a small, rectangular, dado trunking system with a single cover. It is particularly useful for workshop or laboratory supply or in a commercial environment where extra mechanical strength is necessary.

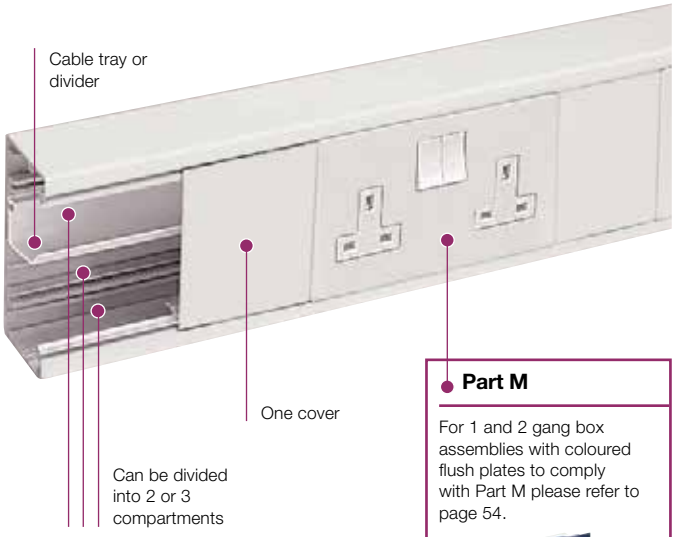
Product information

- 110 x 55mm
- Compliant up to Cat 7a
- Can be subdivided into 2 or 3 compartments
- Suitable for dado and skirting applications
- Fully compatible with Marshall-Tufflex flush power and data accessories and standard UK wiring power and accessories
- Data compliant 25mm and 50mm bend radius
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LS0H

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.

Standard Colours	
WH	SG
WH: White	SG: Silver Grey

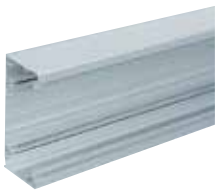
Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.



Part M

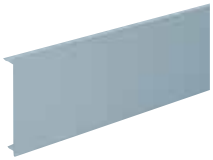
For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 54.

Basic components



Base unit

code	pack
LTB2SG	1 x 3m



Main compartment cover

code	pack
LTL1SG	1 x 3m

Fittings

End caps (screws included)

code	pack
LECPSSG	1

Internal bend

code	pack
LIBPSSG	1

External bend

code	pack
LXBPSSG	1

Flat angle

code	pack
LFASSG	1

Flat tee

code	pack
LFTSSG	1

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Components

Dividing fillet (PVC-U)

code	description	pack
LDF1	unscreened	8 x 3m

Dividing tray (PVC-U)

code	pack
EDF2	8 x 3m

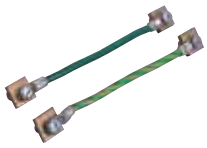
Earth bonding kit

code	pack
LBT3	1

Coupler pin

code	description	pack
LDP1	ø2.0 x 20mm	10

To aid alignment of base profiles



Bonding strap

code	description	pack
LBS1	base to base 32Amp	5

Bonding strap

code	description	pack
LBS2	cover to base	5

Bonding strap

code	description	pack
LBS5	end cap to base	1

Boxes and plates (polycarbonate)

RCD/MCB housing

code	description	pack
EAHCA1MWH	polycarbonate	1

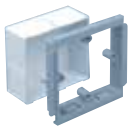
Not available in silver grey.
*Up to 4 modules can be accommodated.
Note: RCDs and MCBs are not supplied by Marshall-Tufflex.

1 gang accessory box 30mm deep

code	pack
ESSB1SG	1
ESSBA1WH	1

2 gang accessory box 30mm deep

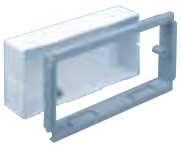
code	pack
ESSB2SG	1
ESSBA2WH	1



1 gang adjustable depth box

code	depth	pack
EAB1SG	32-47mm	1

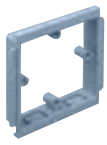
Fully adjustable to 47mm.
Please see page 261 for more information.



2 gang adjustable depth box

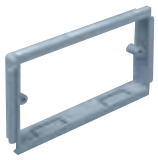
code	depth	pack
EAB2SG	32 – 47mm	1

Fully adjustable to 47mm.
Please see page 261 for more information.



1 gang accessory plate

code	pack
ESSP1SG	2



2 gang accessory plate

code	pack
ESSP2SG	2

Screened boxes

1 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA1SWH	30mm	20

2 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA2SWH	30mm	10

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to assist with screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. As per the current version of BS 7671 wiring regulations. For data/voice use only.

STERLING ALUMINIUM PROFILE 1, 2 AND 3

COMPLIANT UP TO CAT 7A

BIM BUILDING INFORMATION MODELLING

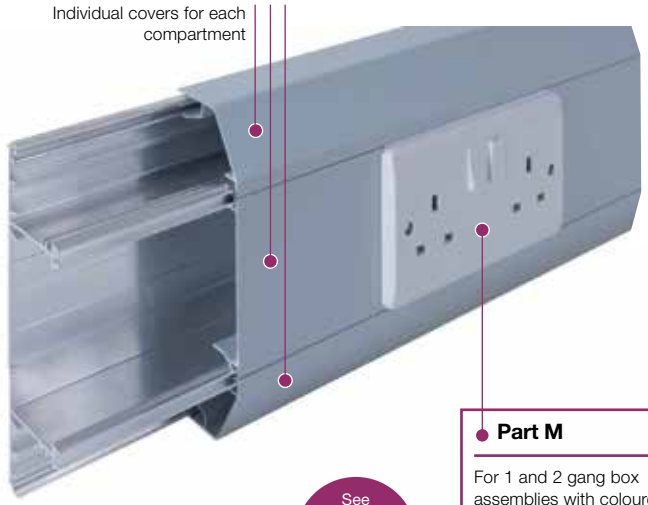
Sterling Aluminium Profile is a popular and stylish looking trunking system that offers a variety of trunking profiles with separate compartment covers.

Product information

- 167 x 50mm
- 3 segregated compartments
- Can be subdivided
- Suitable for dado applications
- A range of polycarbonate clip-on fittings with built-in overlaps
- Fully compatible with Sterling flush power and data accessories
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LS0H

Data information

- Compliant up to Cat 7a
- Data compliant 25mm and 50mm bend radius
- Adjustable data box 32-40mm
- Screened divider and data boxes



See page 159 for quick reference chart

Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 54.

Standard Colours	
WH	SG
WH: White	SG: Silver Grey

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

Trunking profiles

Sterling Aluminium Profile 1

size:	167 x 50mm

Sterling Aluminium Profile 2

size:	167 x 50mm

Sterling Aluminium Profile 3

size:	167 x 50mm

Basic components

Base unit

code	pack
ETB300MMF*	1 x 3m

Main compartment cover

code	pack
LTL1SG	1 x 3m

Angled cover

code	pack
ETAC300SG	1 x 3m

Square cover

code	pack
ETSC300SG	1 x 3m

*MF=Mill finish

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Profile 1 fittings

Profile 1 Aluminium Coupler

code	description	pack
ECP1MASG	polycarbonate	1

Profile 1 Aluminium End cap

code	description	pack
EECP1MASG	polycarbonate	1

Profile 1 Aluminium Internal bend

code	description	pack
EIBP1MASG	polycarbonate	1

Profile 1 Aluminium External bend

code	description	pack
EXBP1MASG	polycarbonate	1

Profile 1 Aluminium Flat angle – up/down

code	description	pack
EFA1ASG	aluminium	1

Profile 1 Aluminium Flat tee – up/down

code	description	pack
EFT1ASG	aluminium	1

Profile 2 fittings

Profile 2 Aluminium Coupler

code	description	pack
ECP2MASG	polycarbonate	1

Profile 2 Aluminium End cap

code	description	pack
EECP2MALHSG	polycarbonate	1
EECP2MARHSG	polycarbonate	1

LH = Left hand RH = Right hand

Profile 2 Aluminium Internal bend

code	description	pack
EIBP2MASG	polycarbonate	1

Profile 2 Aluminium External bend

code	description	pack
EXBP2MASG	polycarbonate	1

Profile 2 Aluminium Flat angle – up

code	description	pack
EFA2UASG	aluminium	1

Profile 2 Aluminium Flat angle – down

code	description	pack
EFA2DASG	aluminium	1

Sterling Profile 2 flat tees

Where profiles have one angled cover and one square cover, as with Sterling Profile 2, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking.
For example:

- Upward tee – select Profile 1 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select Profile 3 tee remove the square top cover and replace with angled cover.

Profile 3 fittings

Profile 3 Aluminium Coupler 3 piece

code	description	pack
ECP3ASG	polycarbonate	1

Profile 3 Aluminium End cap 3 piece

code	description	pack
EECP3ASG	polycarbonate	1

Profile 3 Aluminium Internal bend 3 piece

code	description	pack
EIBP3ASG	polycarbonate	1

Profile 3 Aluminium External bend 3 piece

code	description	pack
EXBP3ASG	polycarbonate	1

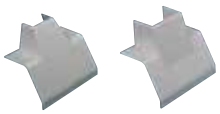
Profile 3 Aluminium Flat angle

code	description	pack
EFA3ASG	aluminium	1

Profile 3 Aluminium Flat tee

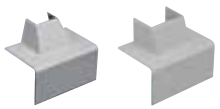
code	description	pack
EFT3ASG	aluminium	1

Fittings



Angled mini–trunking adaptor (polycarbonate)

code	Description	pack
EATA402SG	MMT2	5
EATA404SG	MMT4	1



Square mini – trunking adaptor (polycarbonate)

code	Description	pack
ESTA402SG	MMT2	5
ESTA404SG*	MMT4	1

*Not available in white

Components

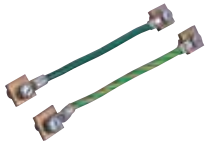
Earth bonding kit

code	pack
LBT3	1

Coupler pin

code	description	pack
LDP1	ø2.0 x 20mm	10

To aid alignment of base profiles



Bonding strap

code	description	pack
LBS1	base to base 32Amp	5

Bonding strap

code	description	pack
LBS2	cover to base	5

Main crossover bridge (PVC–U)

code	pack
EMCB1	5

Angled cable retainer (PVC–U)

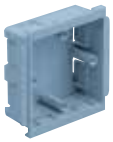
code	pack
EACR1	10

Boxes and plates (polycarbonate)

RCD/MCB housing

code	description	pack
EAHCA1MWH	polycarbonate	1

Not available in silver grey.
*Up to 4 modules can be accommodated.
Note: RCDs and MCBs are not supplied by Marshall-Tufflex.

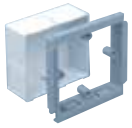


1 gang accessory box 30mm deep

code	pack
ESSB1SG	1
ESSBA1WH	1

2 gang accessory box 30mm deep

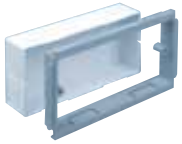
code	pack
ESSB2SG	1
ESSBA2WH	1



1 gang adjustable depth box

code	depth	pack
EAB1SG	32-47mm	1

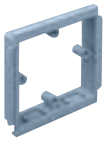
Please see page 261 for more information on the range of adjustable boxes



2 gang adjustable depth box

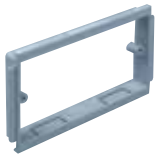
code	depth	pack
EAB2SG	32 – 47mm	1

Please see page 261 for more information on the range of adjustable boxes



1 gang accessory plate

code	pack
ESSP1SG	2



2 gang accessory plate

code	pack
ESSP2SG	2

Quick reference chart

Sterling Profile aluminium component chart

		3 compartment		
		Profile 1 167 x 50mm	Profile 2 167 x 50mm	Profile 3 167 x 50mm
Base unit Pack 1 x 3m Milled aluminium		ETB300MMF	ETB300MMF	ETB300MMF
Main compartment cover Pack 1 x 3m		LTL1SG	LTL1SG	LTL1SG
Angled cover Pack 1 x 3m		2 x ETAC300SG	1 x ETAC300SG	–
Square cover Pack 1 x 3m		–	1x ETSC300SG	2 x ETSC300SG
Couplers Pack 1		ECP1MASG	ECP2MASG	ECP3ASG
End caps Pack 1 Left or right handed		EECP1MASG	EECP2MALHSG EECP2MARHSG	EECP3ASG
Internal bends Pack 1 Internal base corner needs to be mitred		EIBP1MASG	EIBP2MASG	EIBP3ASG
External bends Pack 1 External base corner needs to be mitred		EXBP1MASG	EXBP2MASG	EXBP3ASG
Flat angles Pack 1 Upward or downward		EFA1ASG	EFA2UASG EFA2DASG	EFA3ASG
† Flat tees Pack 1 † See Flat Tee information below		EFT1ASG	†	EFT3ASG

† Sterling Profile 2 flat tees

Where profiles have one angled cover and one square cover, as with Sterling Profile 2, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking. For example:

- Upward tee – select Profile 1 tee remove the angled bottom cover and replace with square cover.
- Downward tee – select Profile 3 tee remove the square top cover and replace with angled cover.

Screened boxes

1 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA1SWH	30mm	20

2 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA2SWH	30mm	10

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to assist with screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. As per the current version of BS 7671 wiring regulations. For data/voice use only.

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STERLING CURVE ALUMINIUM PROFILE 1 AND 2

Sterling Curve Aluminium is a robust and stylish Cat 7a compliant perimeter dado or skirting system that is easy and cost effective to use. The adaptable system has 1 or 2 curved data compartments designed to stop clutter, avoid dust traps and to make cleaning easy.

Product information

- 167 x 50mm
- 3 segregated compartments
- Suitable for dado and skirting application
- Boxes available to comply with Part M (DDA)
- Comprehensive range of flush power and data accessories
- Single piece moulded polycarbonate couplers, end caps, internal and external bends
- Fabricated aluminium flat tees and flat angles
- Utilises ETB300MMF base and LTL1 cover so all centre compartment fittings from the Sterling Aluminium range are compatible

Data information

- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 50mm
- Adjustable data box 32-40mm
- Screened data boxes

See page 164 for quick reference chart

Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 54.

Standard Colour
SG
SG: Silver Grey

Trunking profiles

Curve Profile 1

size	167 x 50mm

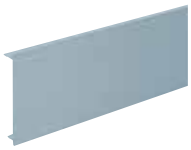
Curve Profile 2

size	167 x 50mm

Basic components

Base unit

code	pack
ETB300MMF	1 x 3m



Main compartment cover

code	pack
LTL1SG	1 x 3m

Curve cover

code	pack
CETC300SG	1 x 3m

Square cover

code	pack
ETSC300SG	1 x 3m

Curve Profile 1 fittings

Curve Profile 1
Coupler

code	description	pack
CECP1MASG	polycarbonate	1

Curve Profile 1
End cap

code	description	pack
CEECP1MASG	polycarbonate	1

Curve Profile 1
Internal bend

code	description	pack
CEIBP1MASG	polycarbonate	1

Curve Profile 1
External bend

code	description	pack
CEXBP1MASG	polycarbonate	1

Curve Profile 1
Flat angle fabricated

code	pack
CEFA1ASG	1

Curve Profile 1
Flat tee fabricated

code	pack
CEFT1ASG	1

Curve Profile 2 fittings

Curve Profile 2
Coupler

code	description	pack
CECP2MASG	polycarbonate	1

Curve Profile 2
End cap

code	description	pack
CEECP2MARHSG	(right) polycarbonate	1
CEECP2MALHSG	(left) polycarbonate	1

Curve Profile 2
Internal bend

code	description	pack
CEIBP2MASG	polycarbonate	1

Curve Profile 2
External bend

code	description	pack
CEXBP2MASG	polycarbonate	1

Curve Profile 2
Flat angle up fabricated

code	pack
CEFA2ASG	1

Curve Profile 2
Flat tee fabricated

code	pack
CEFT2ASG	1

Components

Earth bonding kit

code	pack
LBT3	1

Coupler pin

code	description	pack
LDP1	ø2.0 x 20mm	10

To aid alignment of base profiles

Bonding strap

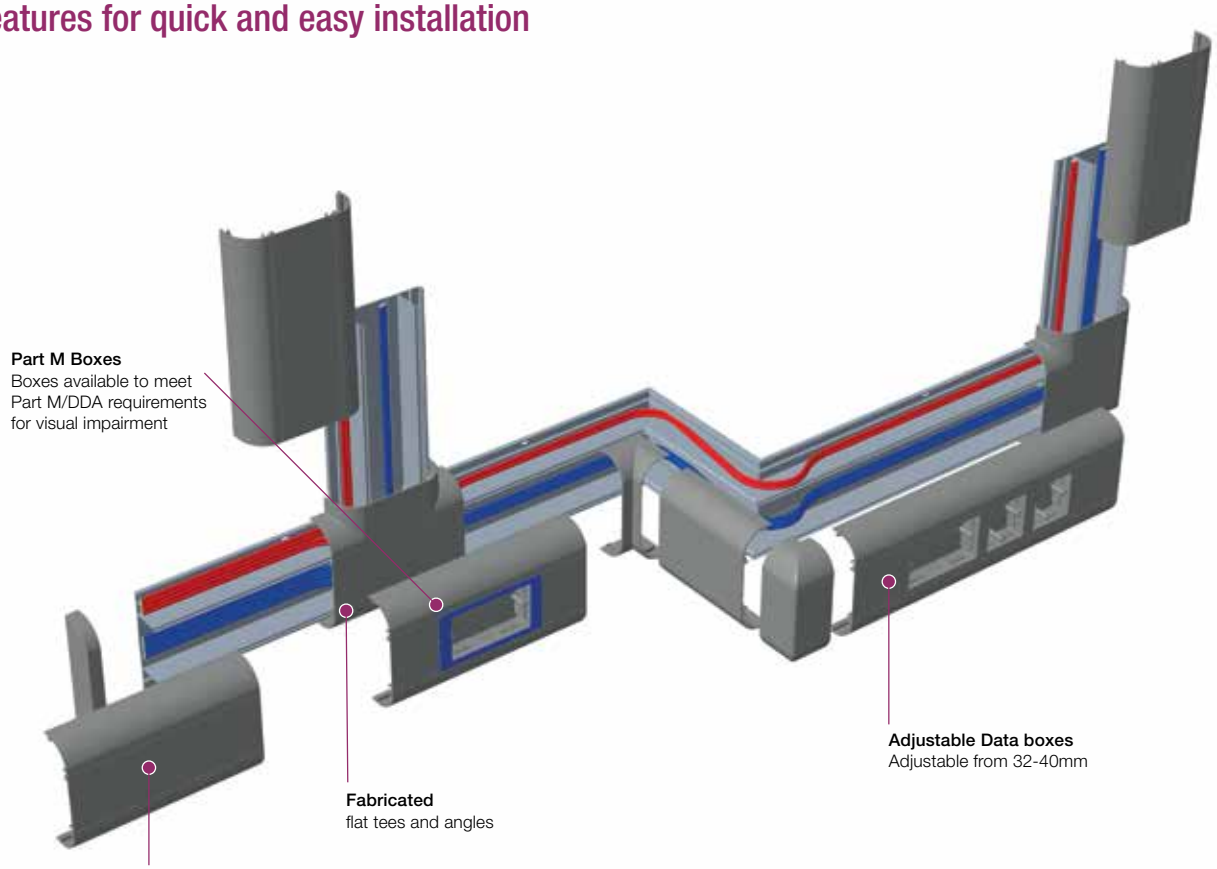
code	description	pack
LBS2	base to base & cover to base	5

Main crossover bridge (PVC–U)

code	pack
EMCB1	5

Sterling Curve Aluminium Trunking

Sterling Curve Aluminium features a host of practical features for quick and easy installation



ALUMINIUM TRUNKING SYSTEMS

Boxes and plates

RCD/MCB housing

code	description	pack
EAHCA1MWH	polycarbonate	1

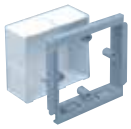
*Up to 4 modules can be accommodated
Note: RCDs and MCBs are not supplied by Marshall-Tufflex

1 gang accessory box 30mm deep (polycarbonate)

code	pack
ESSB1SG	1

2 gang accessory box 30mm deep (polycarbonate)

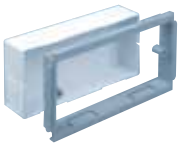
code	pack
ESSB2SG	1



1 gang adjustable depth box (polycarbonate)

code	depth	pack
EAB1SG	32-47mm	1

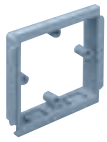
Please see page 261 for more information on the range of adjustable boxes



2 gang adjustable depth box (polycarbonate)

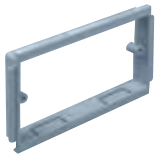
code	depth	pack
EAB2SG	32 – 47mm	1

Please see page 261 for more information on the range of adjustable boxes



1 gang accessory plate (polycarbonate)

code	pack
ESSP1SG	2



2 gang accessory plate (polycarbonate)

code	pack
ESSP2SG	2

Screened boxes

1 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA1SWH	30mm	20

2 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA2SWH	30mm	10

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to assist with screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. As per the current version of BS 7671 wiring regulations. For data/voice use only.

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Quick reference chart

Sterling Curve Aluminium

		3 compartment	
		Profile 1 167 x 50mm	Profile 2 167 x 50mm
Base unit Pack 1 x 3m		ETB300MMF	ETB300MMF
Main compartment cover Pack 1 x 3m		LTL1SG	LTL1SG
Curve cover Pack 1 x 3m		2 x CETC300SG	CETC300SG
Square cover Pack 1 x 3m		–	ETSC300SG
Couplers Pack 1		CECP1MASG	CECP2MASG
End caps Pack 1		CEECP1MASG	CEECP2MARHSG CEECP2MALHSG
Internal bend Pack 1		CEIBP1MASG	CEIBP2MASG
External bend Pack 1		CEXBP1MASG	CEXBP2MASG
Flat angle fabricated Pack 1		CEFA1ASG	–
Flat angle up fabricated Pack 1		–	CEFA2ASG
Flat tee fabricated Pack 1		CEFT1ASG	CEFT2ASG

ELEGANCE 170 ALUMINIUM

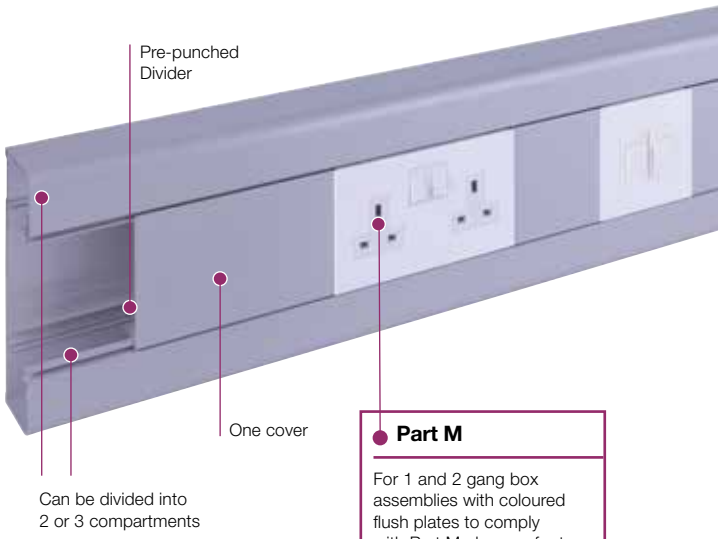
Elegance 170 aluminium is a sleek and rounded 170x55mm rectangular dado trunking system with a single cover, ideal for use in office or educational environments where extra mechanical strength and a higher cable capacity is required.

Product information

- 170 x 55mm
- Compliant up to Cat 7a
- "C" type section can be used as a single large compartment section or can be further subdivided into 2 or 3 compartments
- Suitable for dado and skirting applications
- Plain or pre-punched dividers for quick installation
- A range of fabricated fittings
- Part M compliant
- Data compliant 25mm and 50mm bend radius
- Compatible with Marshall-Tufflex flush power and data accessories and standard UK wiring power and accessories
- Standard silver-grey RAL 9006 powder coat finish
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LS0H

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.

Standard Colours
SG
SG: Silver Grey



Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 54.

Basic components

Base unit and cover

code	pack
LP1050SG	1 x 2.9m

Note: In order to subdivide Elegance 170 dividing fillets should be used

Fittings

End cap (screws included)

code	pack
LP1030SG	1

Internal bend 90°

code	pack
LP1020SG	1

External bend 90° slow

code	pack
LP1026SG	1

Flat angle

code	pack
LP1040SG	1

Flat tee

code	pack
LP1045SG	1

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Components

Galvanised steel dividing fillet (pre-punched)

code	length	pack
LP1005	1.45m	1

Plastic dividing fillet (un-punched)

code	length	pack
LP1006	1.45m	1

Earth bonding kit

code	pack
LBT3	1

Note: Fastons supplied suit 1.5mm to 2.5mm cable (blue) and 4.0mm to 6.0mm (yellow).

Coupler pin

code	description	pack
LDP1	ø2.0 x 20mm	10

To aid alignment of base profiles

Bonding strap

code	description	pack
ESBS1	base to base	5

Bonding strap

code	description	pack
LBS2	cover to base	5

Bonding strap

code	description	pack
LBS5	end cap to base	1

Boxes and plates (polycarbonate)

RCD/MCB housing

code	description	pack
EAHCA1MWH	polycarbonate	1

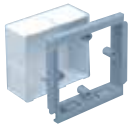
Not available in silver grey.
*Up to 4 modules can be accommodated.
Note: RCDs and MCBs are not supplied by Marshall-Tufflex.

1 gang accessory box 30mm deep

code	pack
ESSB1SG	1

2 gang accessory box 30mm deep

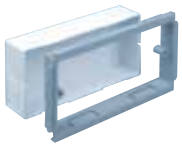
code	pack
ESSB2SG	1



1 gang adjustable depth box

code	depth	pack
EAB1SG	32-47mm	1

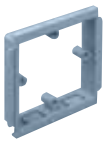
Please see page 261 for more information on the range of adjustable boxes



2 gang adjustable depth box

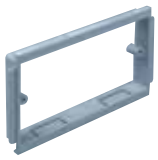
code	depth	pack
EAB2SG	32 – 47mm	1

Please see page 261 for more information on the range of adjustable boxes



1 gang accessory plate

code	pack
ESSP1SG	2



2 gang accessory plate

code	pack
ESSP2SG	2

Screened boxes

1 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA1SWH	30mm	20

2 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA2SWH	30mm	10

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to assist with screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. As per the current version of BS 7671 wiring regulations. For data/voice use only.

TWIN PLUS ALUMINIUM

Twin Plus aluminium is an extra deep cable management solution incorporating two large segregated high capacity compartments. Twin Plus is specifically designed for carrying large quantities of Cat 7a data cabling.

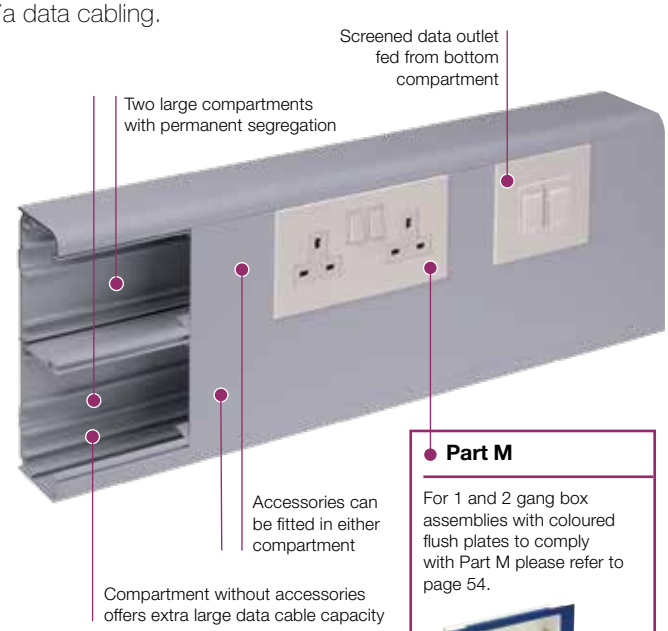
Product information

- 210 x 57mm
- 2 large permanent segregated compartments
- Each compartment can be subdivided
- Suitable for dado and skirting applications
- Bends angles and tees with a large bend radius
- Includes a range of clip-on fittings with built-in overlaps
- Fully compatible with Sterling flush power and data accessories
- All fittings are polycarbonate
- Available in silver grey as standard
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LS0H

Data information

- Compliant up to Cat 7a#
- 50mm bend radius fittings
- Adjustable data box 32-47mm
- Screened divider and data boxes

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.



Standard Colours
SG
SG: Silver Grey

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 54.

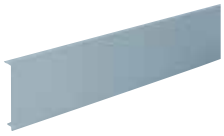
#Data fittings

For made to order fittings to meet Cat 7a requirements please contact our Technical Team on +44 (0)1424 856688

Basic components

Base unit

code	pack
EMTA60SG	1 x 3m



Main compartment cover (aluminium)

code	pack
LTL1SG	1 x 3m

Fittings (polycarbonate)

Coupler

code	pack
EC60SG	1

End cap

code	pack
EEC60SG	1

Internal bend cover

code	pack
EIBC60SG	1

Internal bend assembly

code	pack
EIB60SG	1

Standard external bend cover

code	pack
ESXBC60SG	1

End cap retaining screws

When installing end caps, additional retention can be achieved by using end cap retaining screws G1310 (pack 40).

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Fittings (polycarbonate)

External bend assembly - standard

code	pack
ESXB60SG	1

Capacity reduced by 50%

External bend assembly - large

code	pack
EXB60SG	1

Flat angle cover

code	pack
EFAC60SG	1

Flat angle assembly

code	pack
EFA60SG	1

Covers and cable inserts in Polycarbonate

Flat tee assembly

code	pack
EFTA60SG	1

Flat tees include covers, cable inserts in Polycarbonate with base in aluminium

Components

Dividing fillet (PVC–U)

code	pack
LDF1	8 x 3m

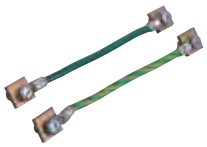
Earth bonding kit

code	pack
LBT3	1

Coupler pin

code	description	pack
LDP1	ø2.0 x 20mm	10

To aid alignment of base profiles



Bonding strap

code	description	pack
LBS1	base to base 32 amp	5

Bonding strap

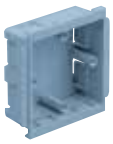
code	description	pack
LBS2	cover to base	5

Boxes and plates (polycarbonate)

RCD/MCB housing

code	description	pack
EAHCA1MWH	polycarbonate	1

*Up to 4 modules can be accommodated
Note: RCDs and MCBs are not supplied by Marshall-Tufflex

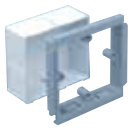


1 gang accessory box 30mm deep

code	pack
ESSB1SG	1

2 gang accessory box 30mm deep

code	pack
ESSB2SG	1

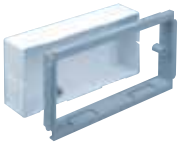


1 gang adjustable depth box

code	depth	pack
EAB1SG	32-47mm	1

Please see page 261 for more information on the range of adjustable boxes

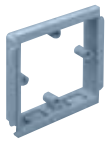
Boxes and plates (polycarbonate)



2 gang adjustable depth box

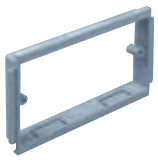
code	depth	pack
EAB2SG	32 – 47mm	1

Please see page 261 for more information on the range of adjustable boxes



1 gang accessory plate

code	pack
ESSP1SG	2



2 gang accessory plate

code	pack
ESSP2SG	2

Screened boxes

1 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA1SWH	30mm	20

2 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA2SWH	30mm	10

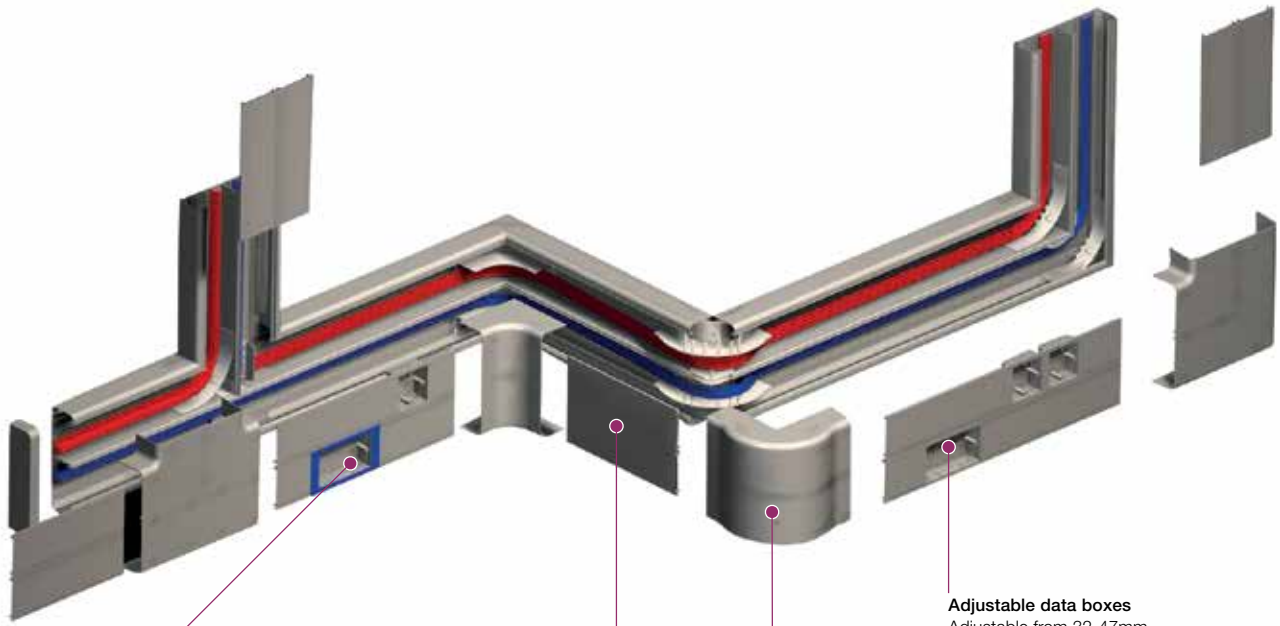
Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to assist with screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. As per the current version of BS 7671 wiring regulations. For data/voice use only.

Twin Plus aluminium

Twin Plus aluminium is a high cable capacity trunking system with a variety of practical features for power and data installations



Part M boxes
Boxes available to meet Part M/DDA requirements for visual impairment

Two separate compartments
Two large compartments that can be sub-divided, each with their own cover

Polycarbonate flat tees and angles
With integral 50mm bend radius control

Adjustable data boxes
Adjustable from 32-47mm
Can be screened against EMI

XL301 AND XL302 ALUMINIUM

XL aluminium trunking 301 and 302 are deep, 3-compartment systems that provide extra capacity and screening performance levels for data cabling.

Product information

- 220 x 65mm
- 3 deep segregated compartments
- Compartments can be subdivided
- Suitable for dado and skirting applications (XL301 is recommended for dado application only)
- Includes a range of polycarbonate clip-on fittings with built-in overlaps
- Fully compatible with Sterling flush power and data accessories
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LS0H

Data information

- Compliant up to Cat 7a*
- Data compliant 25mm and 50mm bend radius
- External bends feature internal segregators
- Adjustable data box 32mm - 47mm
- Screened divider and data boxes

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.

See page 173 for quick reference chart

Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 54.

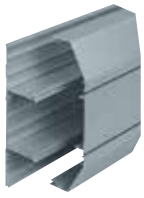
***Data fittings**

For made to order fittings to meet Cat 7a requirements please contact our Technical Team on +44 (0)1424 856688

Standard Colour
SG
SG: Silver Grey

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

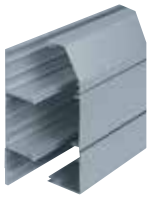
Trunking profiles



XL301

size	220 x 65mm

For dado installation only



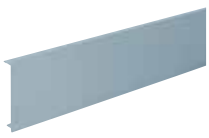
XL302

size	220 x 65mm

Basic components

Base unit

code	pack
ELTB300	2 x 3m



Main compartment cover

code	pack
LTL1SG	1 x 3m

Angled cover

code	pack
ELAC300SG	1 x 3m

Square cover

code	pack
ELSC300SG	1 x 3m

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XL301 fittings

XL301
Coupler

code	description	pack
EC301SG	polycarbonate	1

XL301
End cap

code	description	pack
EEC301SG	polycarbonate	1

XL301
Internal bend

code	description	pack
EIB301SG	polycarbonate	1

XL301
External bend

code	description	pack
EXB301SG	polycarbonate	1

XL301
Flat angle – up/down

code	description	pack
EFA301SG	aluminium	1

XL301
Flat tee – up/down

code	description	pack
EFT301SG	aluminium	1

XL302 fittings

XL302
Coupler

code	description	pack
EC302SG	polycarbonate	1

XL302
End cap

code	description	pack
EEC302LHSG	polycarbonate	1
EEC302RHSG	polycarbonate	1

LH = Left hand RH = Right hand

XL302
Internal bend

code	description	pack
EIB302SG	polycarbonate	1

XL302
External bend

code	description	pack
EXB302SG	polycarbonate	1

XL302
Flat angle – upward

code	description	pack
EFA302USG	aluminium	1

XL302
Flat angle – downward

code	description	pack
EFA302DSG	aluminium	1

XL Trunking 302 flat tees

Where profiles have one angled cover and one square cover, as with XL302, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking. For example:

- Upward tee – select XL301 tee remove the angled bottom cover and replace with square cover.

Components

Dividing fillet (PVC-U)

code	pack
ELDF200	8 x 3m

Earth bonding kit

code	pack
LBT3	1

Coupler pin

code	description	pack
LDP1	ø2.0 x 20mm	10

To aid alignment of base profiles

Bonding strap

code	description	pack
LBS1	base to base 32Amp	5

Bonding strap

code	description	pack
LBS2	cover to base	5

Boxes and plates (polycarbonate)

RCD/MCB housing

code	description	pack
EAHCA1MWH	polycarbonate	1

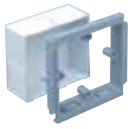
Not available in silver grey.
*Up to 4 modules can be accommodated.
Note: RCDs and MCBs are not supplied by Marshall-Tufflex.

1 gang accessory box 30mm deep (polycarbonate)

code	pack
ESSB1SG	1

2 gang accessory box 30mm deep (polycarbonate)

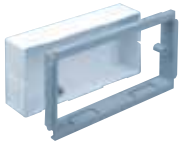
code	pack
ESSB2SG	1



1 gang adjustable depth box

code	depth	pack
EAB1SG	32-47mm	1

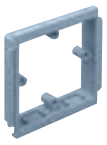
Please see page 261 for more information on the range of adjustable boxes



2 gang adjustable depth box

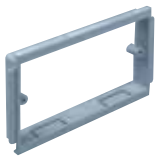
code	depth	pack
EAB2SG	32 – 47mm	1

Please see page 261 for more information on the range of adjustable boxes



1 gang accessory plate

code	pack
ESSP1SG	2



2 gang accessory plate

code	pack
ESSP2SG	2

Screened boxes

1 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA1SWH	30mm	20

2 gang screened accessory box (polycarbonate)

code	depth	pack
ESSBA2SWH	30mm	10

Screening

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Quick reference chart

XL301 and XL302

		3 Compartment	
		XL301 220 x 65mm	XL302 220 x 65mm
Base unit Pack 2 x 3m Features earth bonding rail and screw ports to aid the fastening of pipe clips and gas valves etc		ELTB300	ELTB300
Main compartment cover Pack 1 x 3m		LTL1SG	LTL1SG
Angled cover Pack 1 x 3m		2 x ELAC300SG	1 x ELAC300SG
Square cover Pack 1 x 3m		–	1 x ELSC300SG
Couplers Pack 1		EC301SG	EC302SG
End caps Pack 1 left or right hand		EEC301SG	EEC302LHSG EEC302RHSG
Internal bends Pack 1		EIB301SG	EIB302SG
External bends Pack 1		EXB301SG	EXB302SG
Flat angles Pack 1 upward or downward		EFA301SG	EFA302USG EFA302DSG
† Flat tees Pack 1 † See Flat Tee information below		EFT301SG	†

† XL Trunking 302 flat tees

Where profiles have one angled cover and one square cover, as with XL 302, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking. For example:

- Upward tee – select XL 301 tee remove the angled bottom cover and replace with square cover.

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