



METZ EaZi-Fit A1 Fire Rated Cavity Tray System



Improving choice, quality and service







A unique patented roll formed system made from a soft zinc alloy.

EaZi-Fit is pre-formed and scored ready for installation. Supplied in 2m lengths.

OFF-THE-SHELF No mechanical fixings required

Benefits

- Fast and easy to install
- No delay you can lay bricks straight away
- No fixings required
- Lightweight
- Easy to handle
- Malleable and flexible product
- Simply tape and seal joints
- Conforms to A1 Fire **Certification Criteria**

- System fully warrantied for 60 years
- Standard pre-formed units supplied from stock
- 10m rolls available
- Different widths available
- Site adjustable

Pre-formed lengths supplied from stock

Material Data System

■ Grillo Soft Zinc

- Soft zinc made from ZN 99,995 % (Z1) according to DIN EN 1179
- Alloy soft zinc, thickness 0.6mm
- Thermal conductivity = 110W/(mK)
- Material to be stored in a dry environment

Chemical Composition		
Pb	max. 0,003 %	
Cd	max. 0,003 %	
Sn	max. 0,001 %	
Fe	max. 0,002 %	
Zn	remain	

Mechanical Properti	es	
	Soft zinc	
Tensile strength Rm	< 120	MPa
Yield point Rpo,2	< 60	MPa
Elongation	> 60	0/0

■ Adhesive Tape

Double-sided, solvent-free acrylate adhesive.

Excellent adhesive, very high tack.

The final adhesion can be reached after 20 minutes.

- Temperature range -40°c to +80°c
- Adhesion >30n/25mm. (After 5 minutes contact)
- Manufactured according to ISO standards

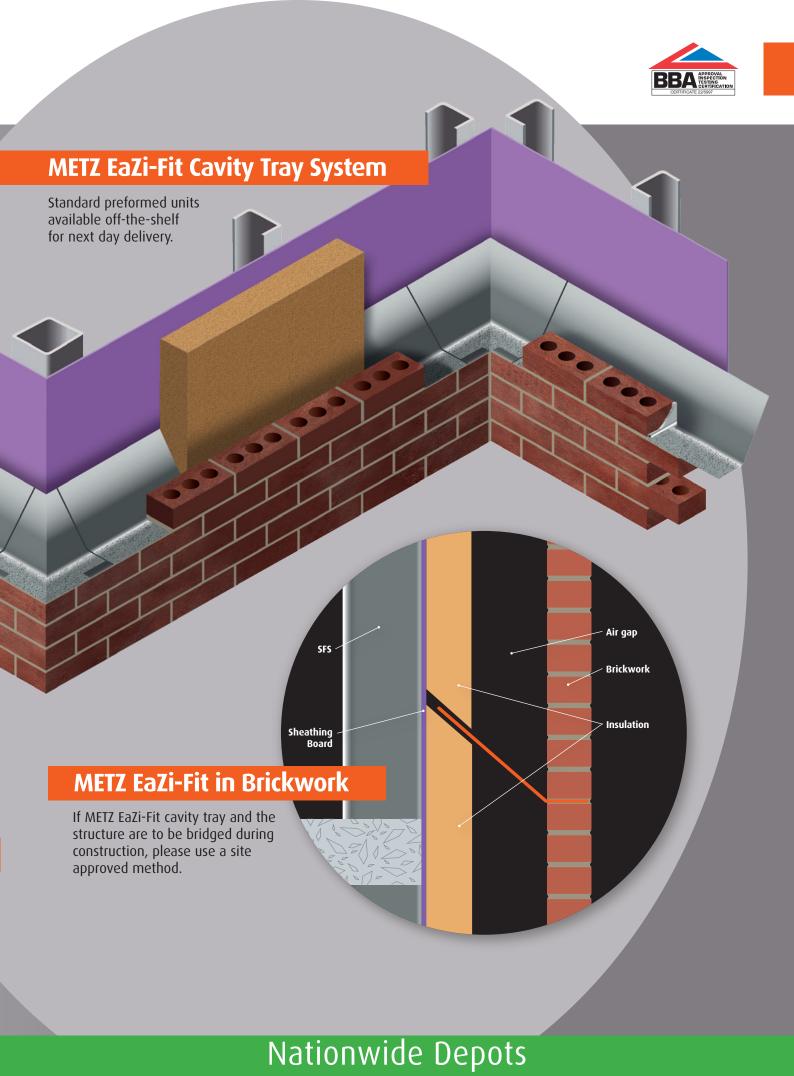
Accreditations







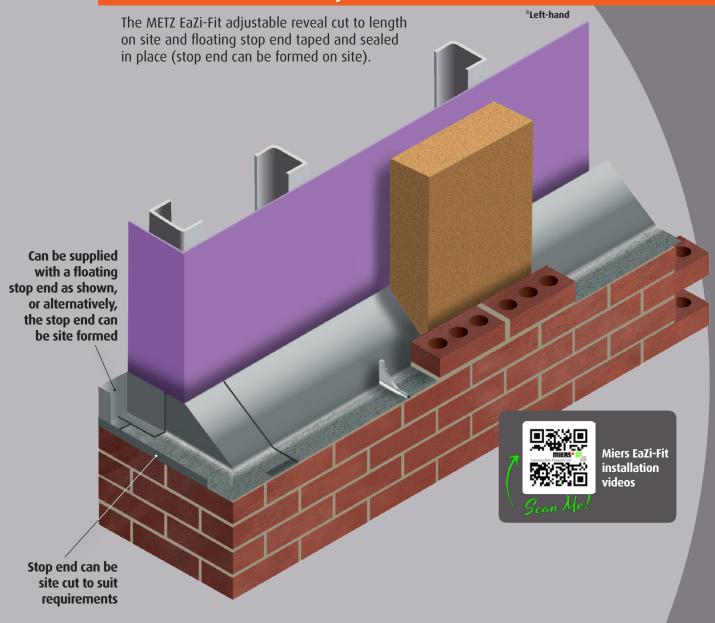


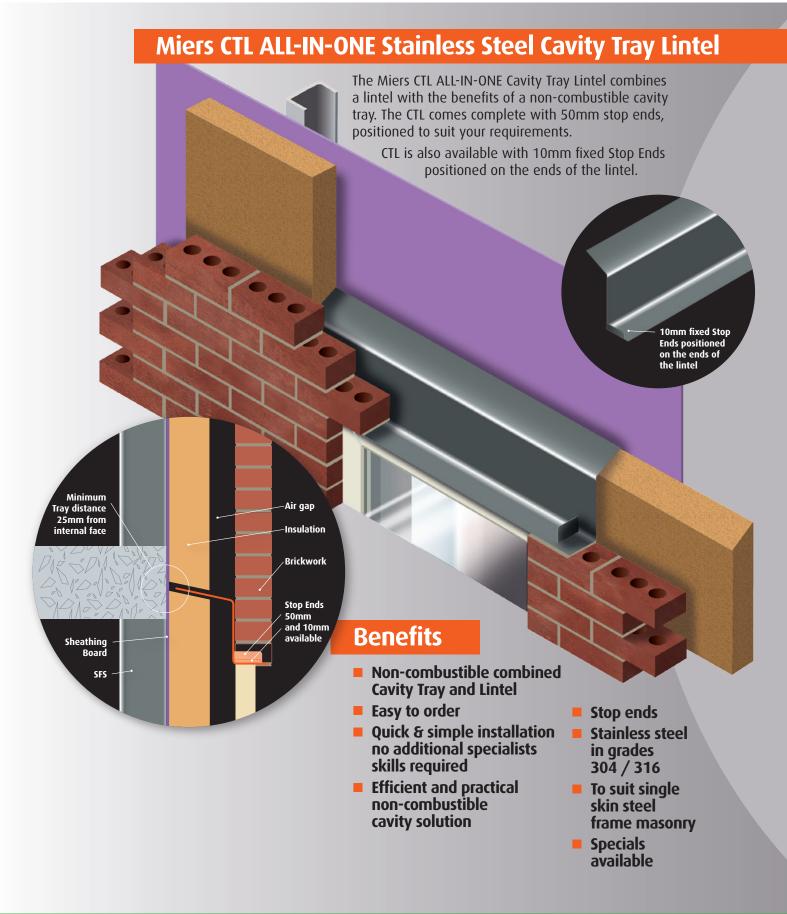


METZ EaZi-Fit Non-Combustible Cavity Tray System METZ EaZi-Fit System The METZ EaZi-Fit system is supplied from stock in preformed 2 metre lengths, pre-scored ready for installation. Preformed corners/stop ends etc. will be required to complete the system (certain preformed units can be formed on site). Supplied to suit standard cavity ranges. Other sizes are available contact Miers for further information. OFF-THE-SHELF 5 systems to suit Cavity (Min) Cavity Cover (Min) Standard Rise Cavity (Max) CT standard cavities Angle System System A 75mm 100mm* 87% 173mm 75% 130mm 30° System B 88mm 172mm 88% 203mm 75% 152mm 30° 174mm System C 100mm 199mm 90% 232mm 75% 30° 113mm 216mm 91% 260mm 75% 196mm 30° System D System E 125mm 238mm 92% 289mm 75% 217mm 30° *System A, 100mm cavity on site adjustment to off the shelf system. Larger systems available on request. Air gap Brickwork Tray to span minimum 75% of cavity Cavity Barrier friction fit Insulation Masonry Sheathing METZ EaZi-Fit Requirement Board Typical cavity tray installation detail, the EaZi-Fit cavity tray system is to be installed a minimum of 25mm from the inner structure



METZ EaZi-Fit Site Adjustable Reveal Detail*

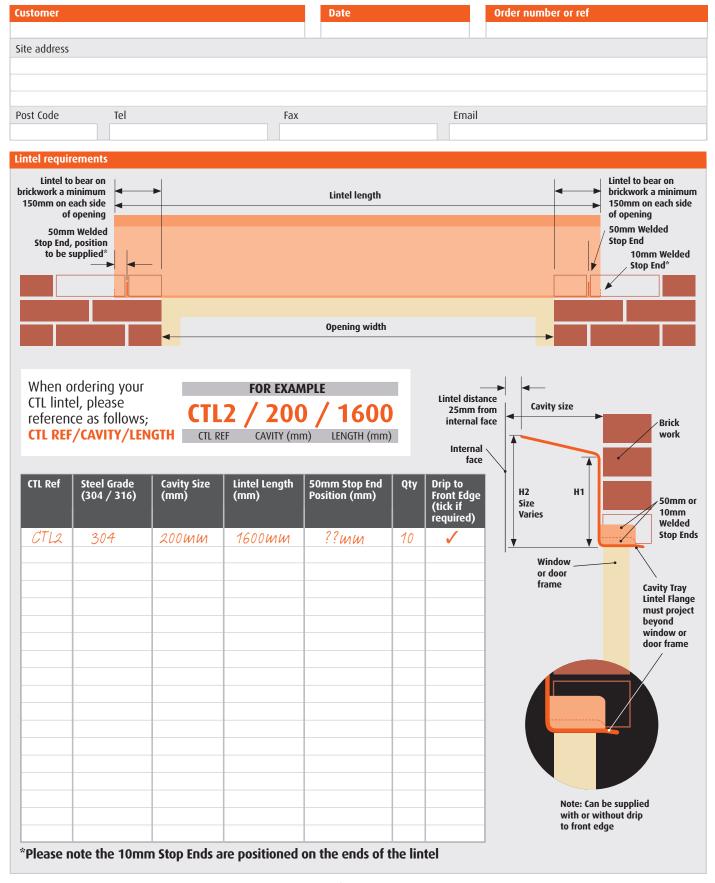




Miers CTL ALL-IN-ONE Cavity Tray Lintel Order and Design Sheet (50mm and 10mm* Welded Stop Ends)



Easy to order, we need to know the opening width, cavity size, welded stop end size and position (50mm), and quantities you require. Lintels can be supplied in grade 304 / 316 to suit your project requirements.



METZ EaZi-Fit Complex Projects Technical Team

Miers experienced technical department offer a full take-off service. We provide in depth quotations and elevation drawings clearly showing where pre-fab units, off the shelf components and specials for your project are required.

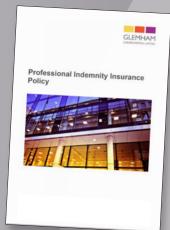
Clear information will greatly improve the accuracy and speed of our technical services. Full approval drawings where required will be needed once an order has been received.

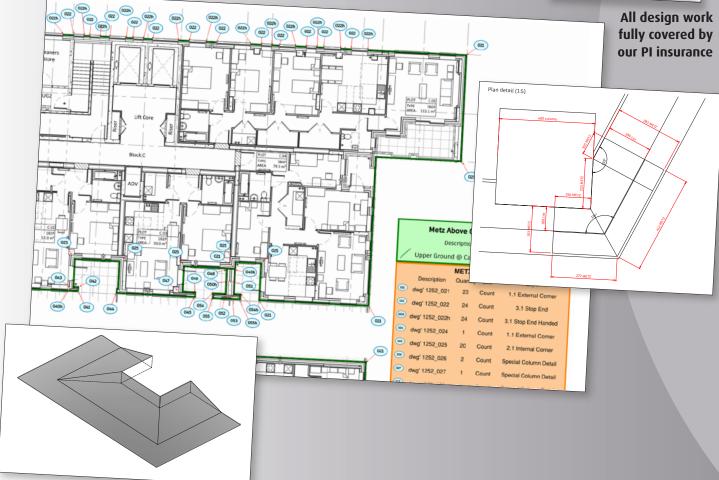
Information we require includes:

- Architects elevations, GA drawings and sections.
- Cavity tray location requirements

Our technical team are happy to attend design meetings either in person or on teams to discuss your projects to ensure we receive all relevant information.

METZ Technical Team are on hand to assist if required please email: technical@miersconstructionproducts.co.uk







No mechanical fixings required

Installation Procedure

Cutting

- 1 METZ Cavity Tray is supplied scored and preformed in 2m lengths.
- Can also be formed by hand on site from 10m rolls with Miers metal hand held tool. Appropriate safety gloves should be worn when handling and working.
- **3** Use tin snips to cut to required lengths.



Reusable

Joint Plate

Forming

4 The sole of the tray in contact with mortar needs to be keyed with a wire brush.

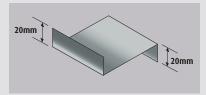
This process is to be repeated on all parts of the system in contact with mortar.

All OFF-THE-SHELF units come pre-keyed.

- 5 METZ EaZi Clip sits over the back edge of brickwork.
- 6 The Tray is placed onto a 5mm bed of mortar on the brickwork.

Reusable Joint Plate used behind tray for sealing.

Use a roller to ensure tape is fully sealed.



If formed on site: METZ Folding EaZi Clip requires 20mm back and 20mm upstand.



Please note: If forming on site use a Miers metal hand held bending tool.

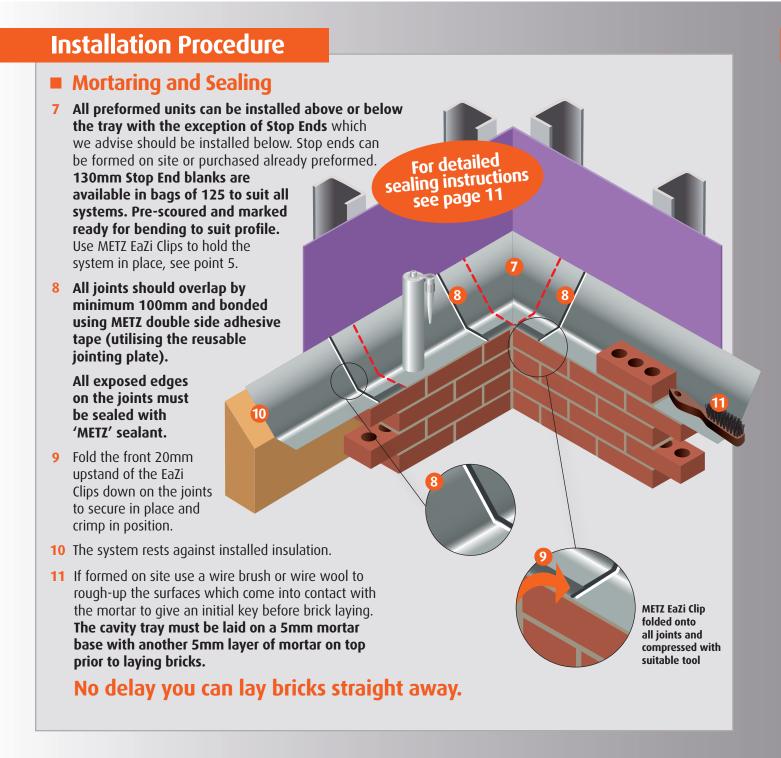






Angle min 10°





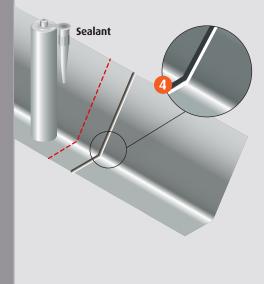


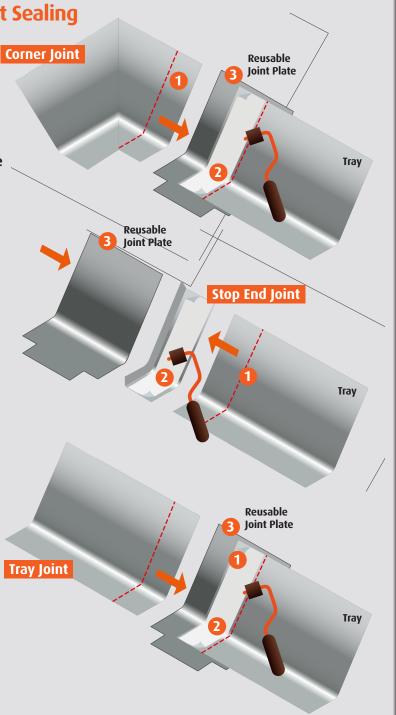
Sealing Procedure

■ Corner, Stop End and Tray Joint Sealing

- 1 All joints should overlap by minimum of 100mm.
- 2 Use METZ double side adhesive tape to bond all joints.
- 3 Insert Reusable Joint Plate behind tray and use roller to ensure tape is fully sealed.
 All preformed units can be installed above or below the tray with the exception of Stop Ends which we advise should be installed below prefab lengths.
- 4 All exposed edges on joints must be sealed with 'METZ' sealant.







On Site Forming

As an alternative solution you can be trained to form units on site from METZ Rolls.

Please contact us to arrange training.



Site Formed METZ Fire Barrier Unit

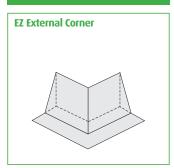
Site Formed Stop End Unit

EZ Adjustable Reveal

The Stop End on the EZ-Reveal can be site formed.

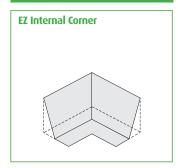
METZ EaZi-Fit Design Sheets Standards 1 - 3

EZ External Corner

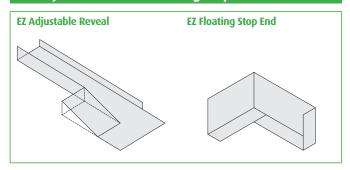


Standard PFU's shown -Please contact Miers Technical for Specials

EZ Internal Corner

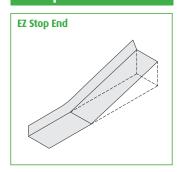


EZ Adjustable Reveal Floating Stop End and



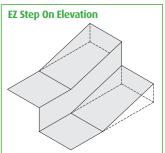
METZ EaZi-Fit Design Sheets Specials 4 - 8

EZ Stop End Corner

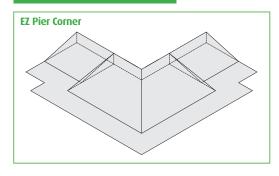


EZ Step On Plan and Step On Elevation

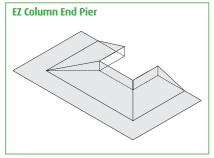


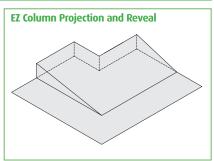


EZ Pier Corner



EZ Column End Pier and Column Projection & Reveal

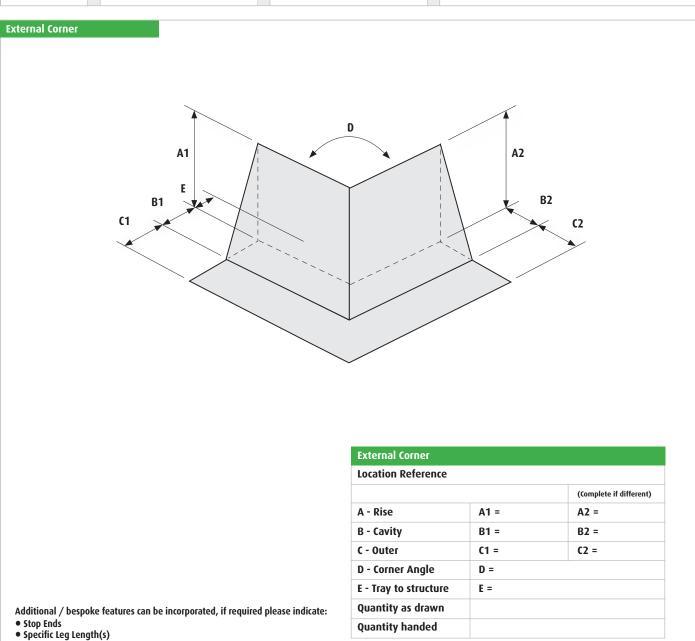




Design Sheet: EZ External Corner

To place an order for METZ EZ Non-Combustible External Corner please fill out the form below.

Customer Name			Date		Project Name
Site address					
Post Code	Tel	Fax		Email	



Please note External Corners are made to order and are non-returnable			
Signed	Print Name		
Position	Date		

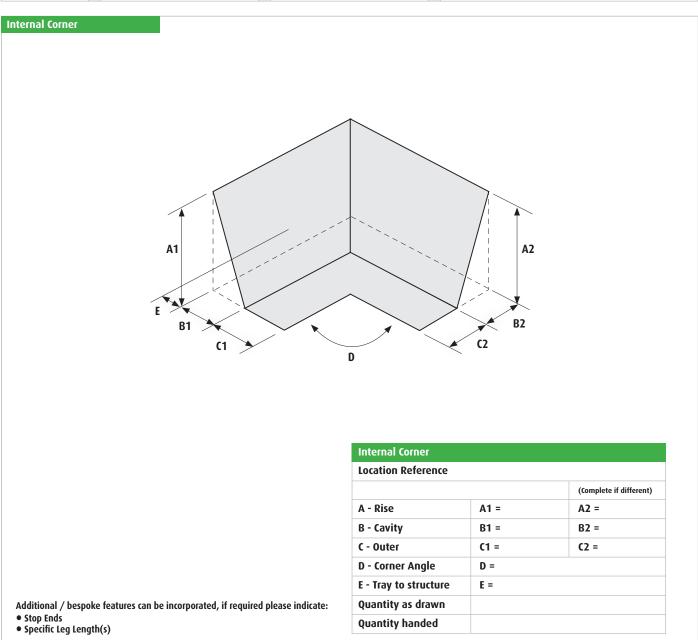
Email:

sales@miersconstructionproducts.co.uk

Design Sheet: EZ Internal Corner

To place an order for METZ EZ Non-Combustible Internal Corner please fill out the form below.

Customer Name			Date		Project Name
Site address					
Post Code	Tel	Fax		Email	



Please note Internal Corners are made to order and are non-returnable			
Signed	Print Name		
Davidina	2040		
Position	Date		

Customer Name

Design Sheet: Adjustable Reveal

To place an order for METZ EZ Non-Combustible Adjustable Reveal please fill out the form below.

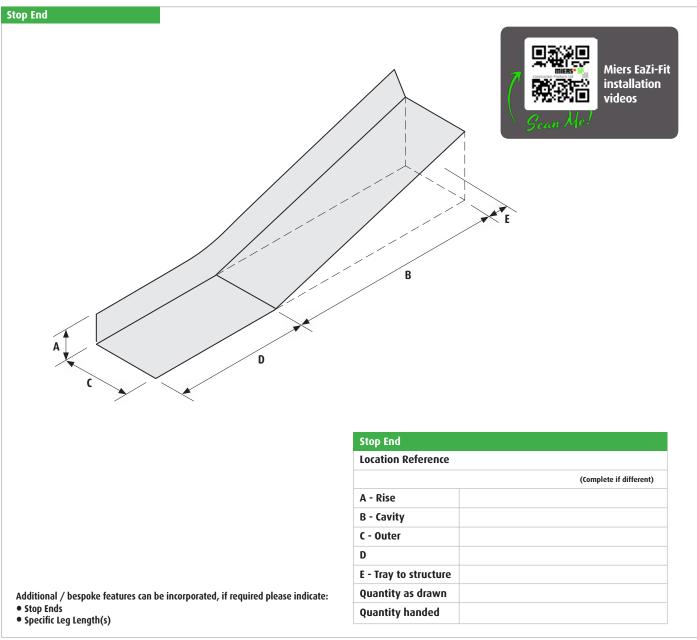
Site address	ı		
Post Code Tel Fax	Ema	il	
Adjustable Reveal			
E			
F B			
Miers EaZi-Fit installation videos Sean Med	Adjustable Reveal	(2	
	Location Reference		
	A - Rise		
	B - Cavity		
	C - Outer	C1 =	C2 =
	D		
	E		
	F - Tray to structure		
Additional / bespoke features can be incorporated, if required please indicate:	Quantity as drawn		
Stop EndsSpecific Leg Length(s)	Quantity handed		

Please note Adjustable Reveals are made to order and are non-returnable			
Signed	Print Name		
Position	Date		

Design Sheet: EZ Stop End

To place an order for METZ EZ Non-Combustible Stop End please fill out the form below.

-					
Customer Name			Date		Project Name
Site address					
Post Code	Tel	Fax		Email	
Stop End					

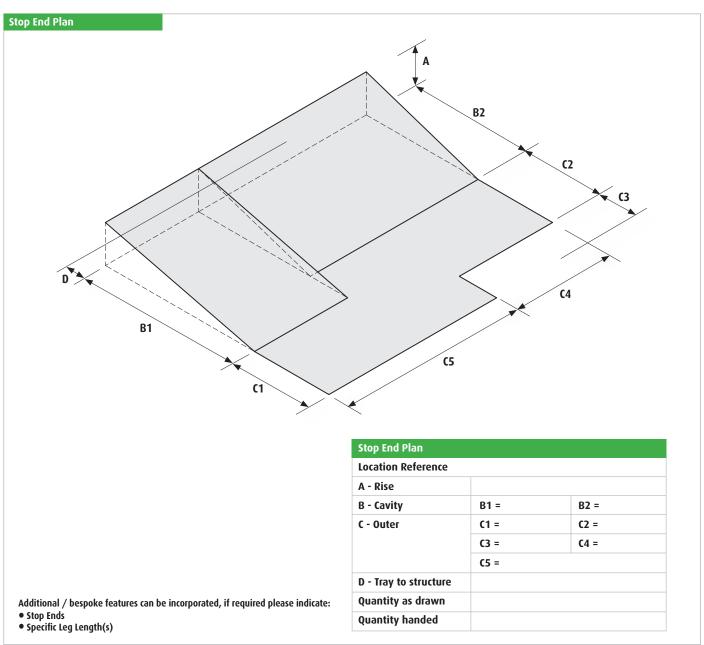


Please note Stop Ends are made to order and are non-returnable			
Signed	Print Name		
Position	Date		

Design Sheet: EZ Stop End Plan

To place an order for METZ EZ Non-Combustible Stop End Plan please fill out the form below.

Customer Name			Date		Project Name
Site address					
Post Code	Tel	Fax		Email	



Please note Stop End Plans are made to order and are non-returnable			
Signed	Print Name		
Position	Date		

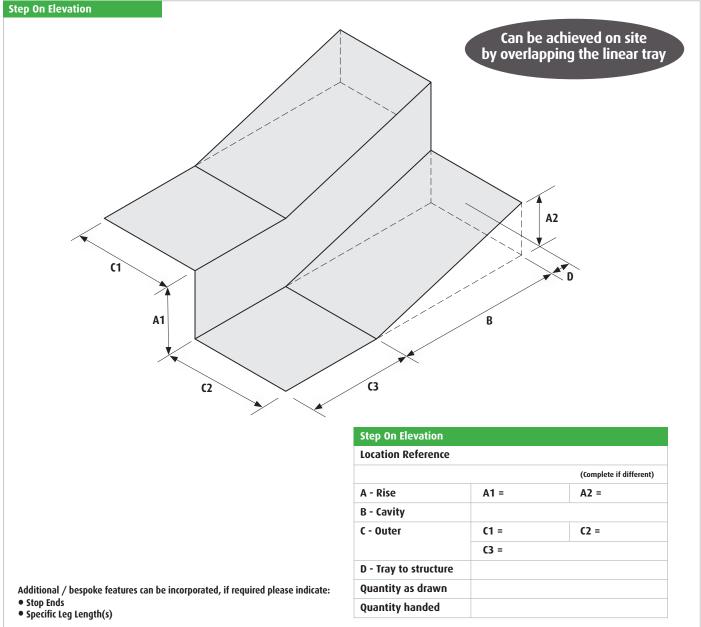
Email:

sales@miersconstructionproducts.co.uk

Design Sheet: EZ Step On Elevation

To place an order for METZ EZ Non-Combustible Step On Elevation please fill out the form below.

to place all didential mene 2.2 from composition steep an elevation please in day the form below.			
Customer Name	Date	Project Name	
Site address			
Post Code Tel	Fax	Email	

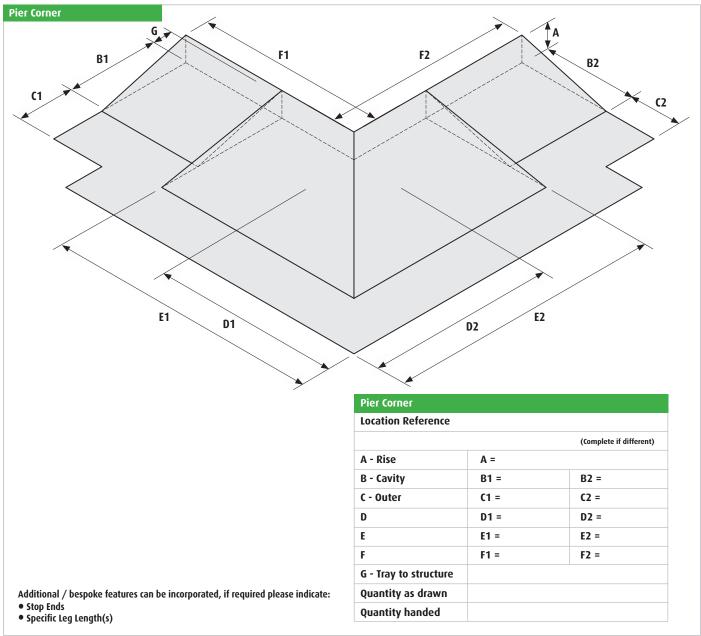


Please note Step On Elevations are made to order and are non-returnable	
Signed	Print Name
Position	Date

Design Sheet: EZ Pier Corner

To place an order for METZ EZ Non-Combustible Pier Corner please fill out the form below.

		Project Name
Site address		
Post Code Tel	Fax	Email

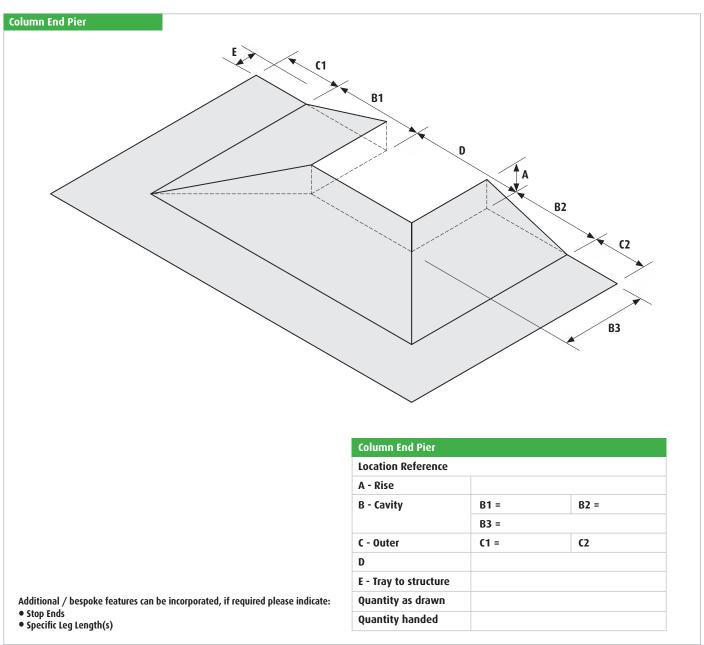


Please note Pier Corners are made to order and are non-returnable	
Signed	Print Name
Position	Date

Design Sheet: EZ Column End Pier

To place an order for METZ EZ Non-Combustible Column End Pier please fill out the form below.

Customer Name	Date	Project Name	
Site address			
Post Code Tel	Fax	Email	



Please note Column End Piers are made to order and are non-returnable		
Signed	Print Name	
Position	Date	

Design Sheet: EZ Column Projection & Reveal

To place an order	for METZ EZ Non-Combustible (Column Projection & Reveal ple	ease fill out the form below.
Customer Name		Date	Project Name
Site address			
Post Code	Tel	Fax	Email
Column Projection 8	& Reveal		
·		B2	A B3

(1)			
	Column Projection & R	teveal	
	Location Reference		
	A - Rise		
	B - Cavity	B1 =	B2 =
		B3 =	'
	C - Outer	C1 =	C2
	G - Tray to structure		
itional / bespoke features can be incorporated, if required please indicate:	Quantity as drawn		
top Ends specific Leg Length(s)	Quantity handed		

Please note Column Projection & Reveals are made to order and are non-returnable	
Signed	Print Name
Position	Date



Project	
Building ———	
Floor level	
Inspected by	
Signature	
Date	

METZ EaZi-Fit Installation Checklist

V	
	Ensure all required tools are to hand and wear appropriate safety equipment (gloves, goggles, etc.)
	All surfaces should be clean and dry
	Use a maximum length of 2m for forming / fitting
	Preformed units can be installed on top or below the prefab 2m lengths
	Stop ends must be fitted under the prefab 2m lengths
	Fit METZ cavity tray a minimum of 3mm back from face of the brickwork
	Joints should overlap by a minimum 100mm
	All exposed edges are to be sealed with METZ sealant
	Wire brush the surface in contact with mortar of any site formed linear lengths or site formed units
	Ensure that the section of cavity tray that is in the brickwork is laid on a 5mm mortar base and is also topped with 5mm of mortar
	Have A1 rated weep holes been fitted at 450mm centres?





Miers Group Depots Throughout the UK



Nationwide supply of building accessories...

- Independently run business
- Nationwide coverage
- Commitment to the highest standard of service
- A unique level of expertise & experience

Call Miers

Airdrie 01236 541130 Birmingham 0121 2893 293

Bordon 01420 200121

Bristol 0117 375 1230

Haydock 01925 202 128

Huntingdon 01480 702222

Launceston 01566 721011



Head Office

Unit 12, Windover Road, Huntingdon, Cambridgeshire PE29 7EB t 01480 702222

f 01480 702223

e sales@miersconstructionproducts.co.uk www.miersconstructionproducts.co.uk



Kestral Construction Products Ltd

Unit 1-3, Fishwicks Industrial Estate, Kilbuck Lane, Haydock, St Helens WA11 9SZ t 01744 830001 f 01744 830002 e sales@kestral.net www.kestral.net

Part of the Miers Construction Products Group

ss 1 September 2023