

# METZ EaZi-Fit

## A1 Fire Rated Cavity Tray System

METZ EaZi-Fit the only A1 Rated 'Malleable' Cavity Tray System that is site adaptable, adjustable and suitable for all buildings

**OFF-THE-SHELF**  
No mechanical fixings required



Miers EaZi-Fit  
installation  
videos

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Improving choice, quality and service



FS 658263

# METZ EaZi-Fit Non-Combustible Cavity Tray System



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

## METZ EaZi-Fit Cavity Tray System

Standard preformed units available off-the-shelf for next day delivery.

### 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 warranted for 60 years
- Pre-formed lengths supplied from stock
- Standard pre-formed units supplied from stock
- 10m rolls available
- Different widths available
- Site adjustable

### 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 Properties

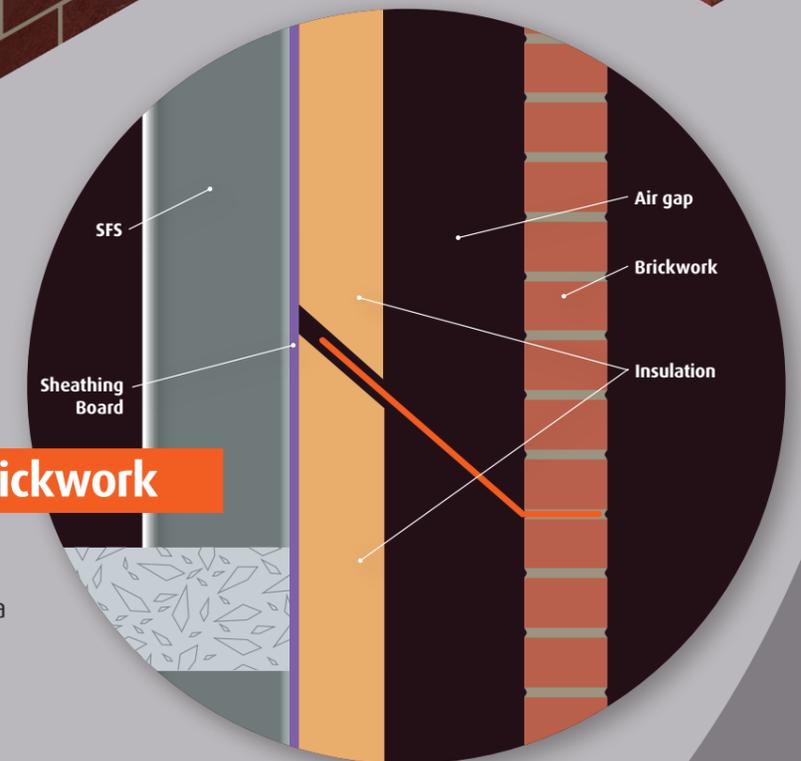
	Soft zinc	
Tensile strength Rm	< 120	MPa
Yield point Rpo,2	< 60	MPa
Elongation	> 60	%

#### 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 in Brickwork

If METZ EaZi-Fit cavity tray and the structure are to be bridged during construction, please use a site approved method.

Nationwide Depots

Nationwide Depots

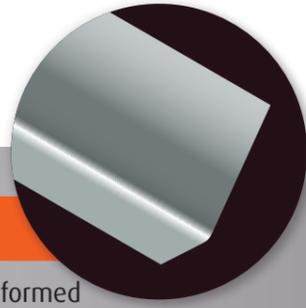
# METZ EaZi-Fit Non-Combustible Cavity Tray System



## METZ EaZi-Fit System

The METZ EaZi-Fit system is supplied 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.



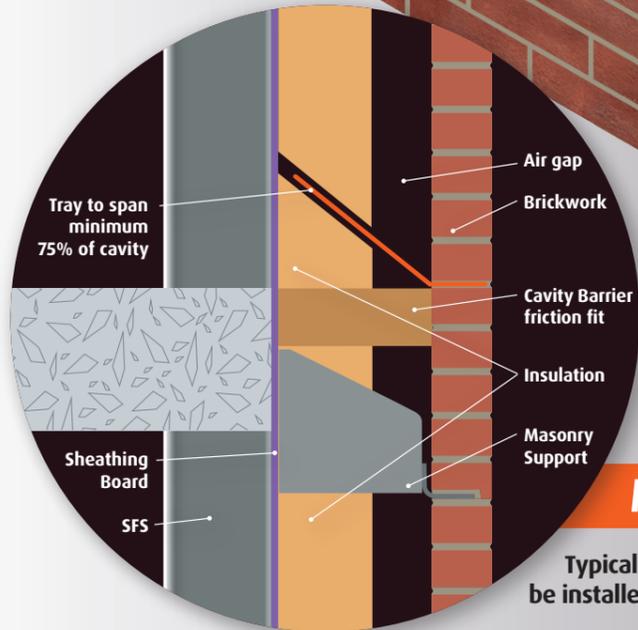
**OFF-THE-SHELF**  
systems to suit  
standard cavities

Standard System	Roll	Cavity (Minimum)	Cavity (Maximum)	Rise	Angle
System A	275mm	100mm*	140mm	150mm	54°
System B	300mm	140mm*	192mm	150mm	46°
System C	325mm	180mm	240mm	150mm	40°
System D	350mm	210mm	280mm	150mm	35°
System E	375mm	240mm	321mm	150mm	32°
System F	400mm	269mm	355mm	150mm	29°
System G	425mm	298mm	397mm	150mm	27°
System H	440mm	314mm	418mm	150mm	25°
System I	500mm	380mm**	505mm	150mm	21°

\*Systems A and B can accommodate smaller cavity sizes by cutting and adapting on site.

\*\* Larger cavity trays to suit 419mm cavities and above are available subject to warranty providers approval.

All above systems are based on a minimum 75% cavity coverage.



## METZ EaZi-Fit Requirement

Typical cavity tray installation detail, the EaZi-Fit cavity tray system is to be installed a minimum 75% of the cavity coverage as per BBA Certificate.

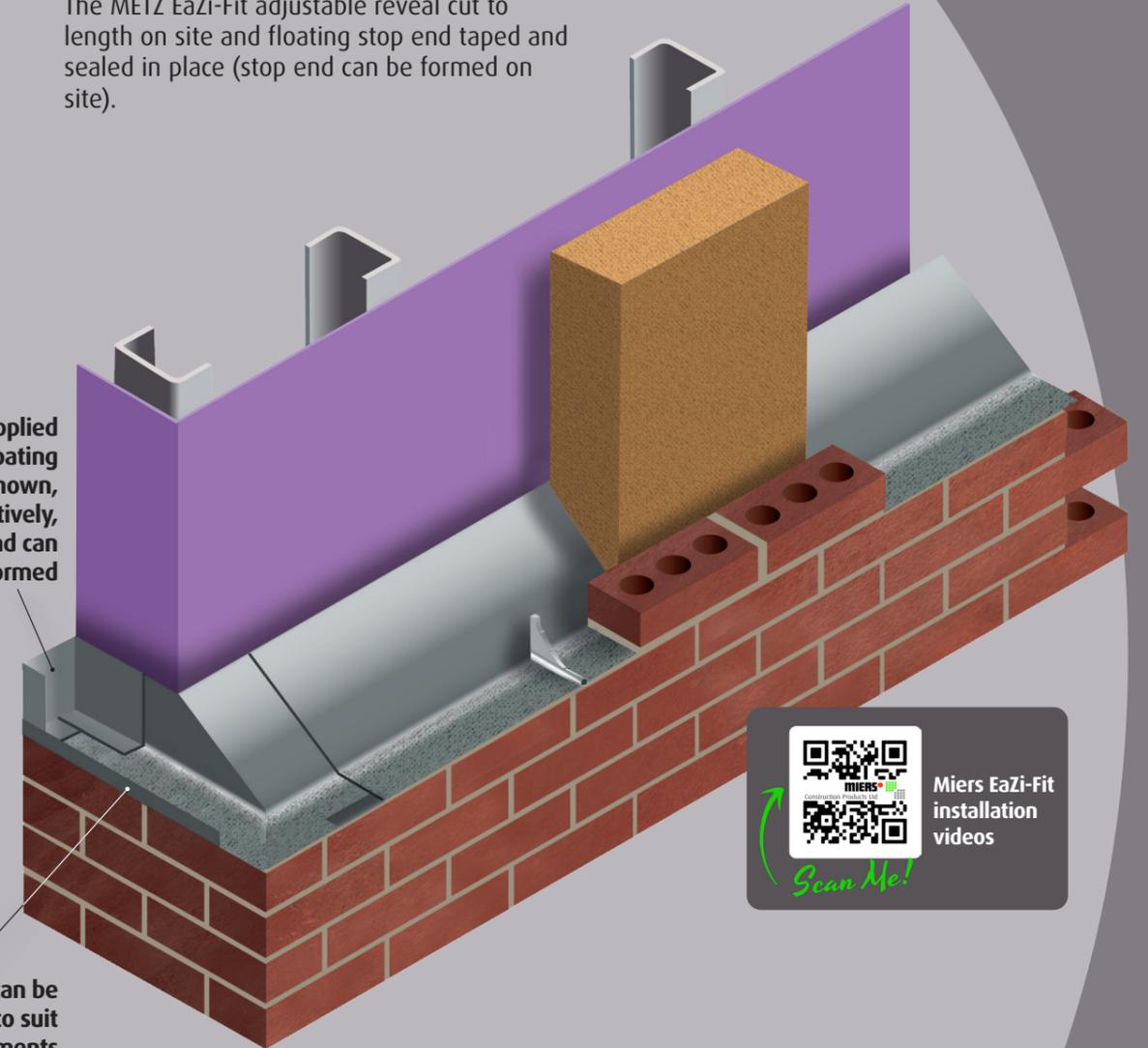
## METZ EaZi-Fit Site Adjustable Reveal Detail\*

The METZ EaZi-Fit adjustable reveal cut to length on site and floating stop end taped and sealed in place (stop end can be formed on site).

\*Left-hand

Can be supplied with a floating stop end as shown, or alternatively, the stop end can be site formed

Stop end can be site cut to suit requirements



Nationwide Depots

Nationwide Depots



# METZ EaZi-Fit Non-Combustible Cavity Tray System



## 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 as required.

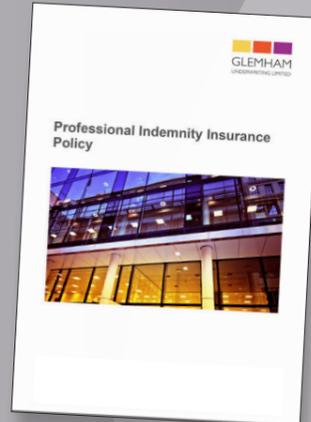
Clear information will greatly improve the accuracy and speed of our technical services. Full approval drawings where required will be needed once an order has been received.

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: [sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)**



All design work fully covered by our PI insurance

Description	Quantity	Count	Notes
dwg' 1252_021	23	Count	1.1 External Corner
dwg' 1252_022	24	Count	3.1 Stop End
dwg' 1252_022h	24	Count	3.1 Stop End Handled
dwg' 1252_024	1	Count	1.1 External Corner
dwg' 1252_025	20	Count	2.1 Internal Corner
dwg' 1252_026	2	Count	Special Column Detail
dwg' 1252_027	1	Count	Special Column Detail

## Installation Procedure

### ■ Cutting

- 1 METZ Cavity Tray is supplied scored and preformed in 2m lengths.
- 2 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.

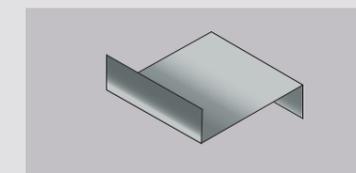
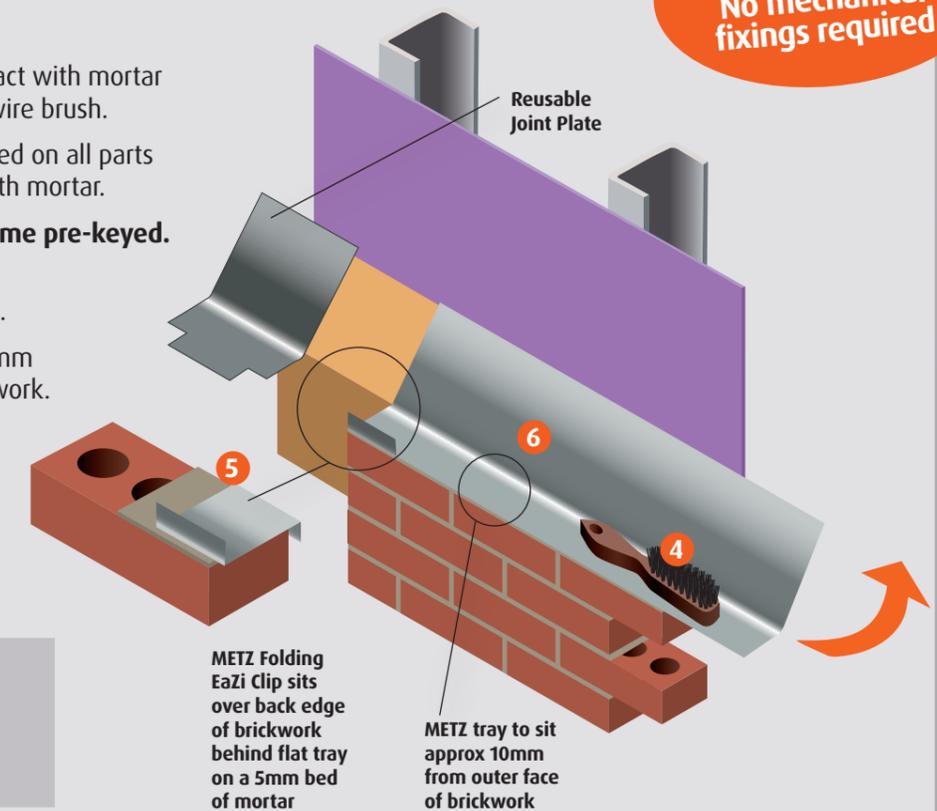


**OFF-THE-SHELF**  
No mechanical fixings required

### ■ 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.
- 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.



Metz EaZi Clip can be formed onsite.



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



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# METZ EaZi-Fit Non-Combustible Cavity Tray System

## Installation Procedure

### ■ Mortaring and Sealing

**7** All preformed units can be installed above or below the tray with the exception of Stop Ends which we advise should be installed below. Stop ends can be formed on site or purchased already preformed. 130mm Stop End blanks are available in bags of 125 to suit all systems. Pre-scored and marked ready for bending to suit profile. Use METZ EaZi Clips to hold the system in place, see point 5.

**8** All joints should overlap by minimum 100mm and bonded using METZ double side adhesive tape (utilising the reusable jointing plate).

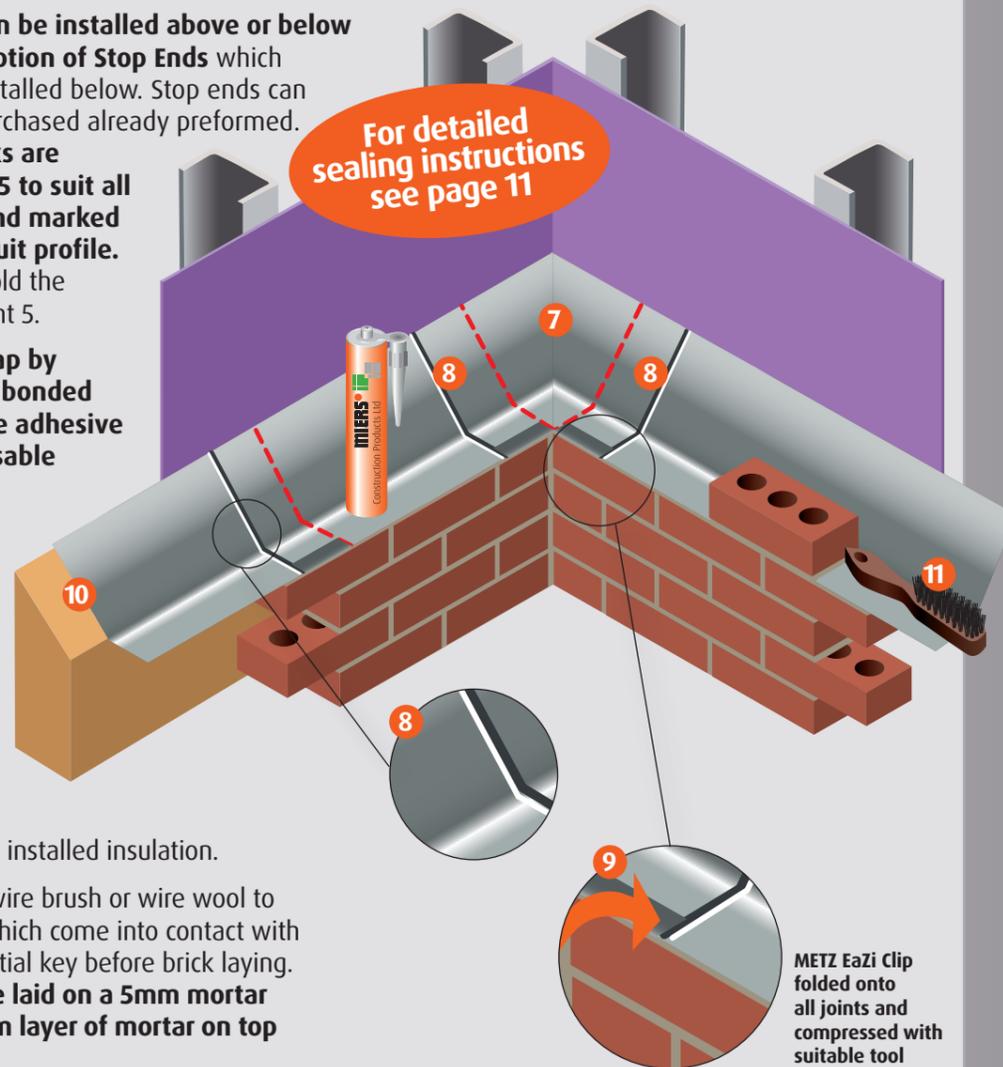
All exposed edges on the joints must be sealed with 'METZ' sealant.

**9** Fold the front upstand of the EaZi Clips down on the joints to secure in place and crimp in position.

**10** The system rests against installed insulation.

**11** If formed on site use a wire brush or wire wool to rough-up the surfaces which come into contact with the mortar to give an initial key before brick laying. The cavity tray must be laid on a 5mm mortar base with another 5mm layer of mortar on top prior to laying bricks.

**No delay you can lay bricks straight away.**



METZ EaZi Clip folded onto all joints and compressed with suitable tool

## Sealing Procedure

### ■ Corner, Stop End and Tray Joint Sealing

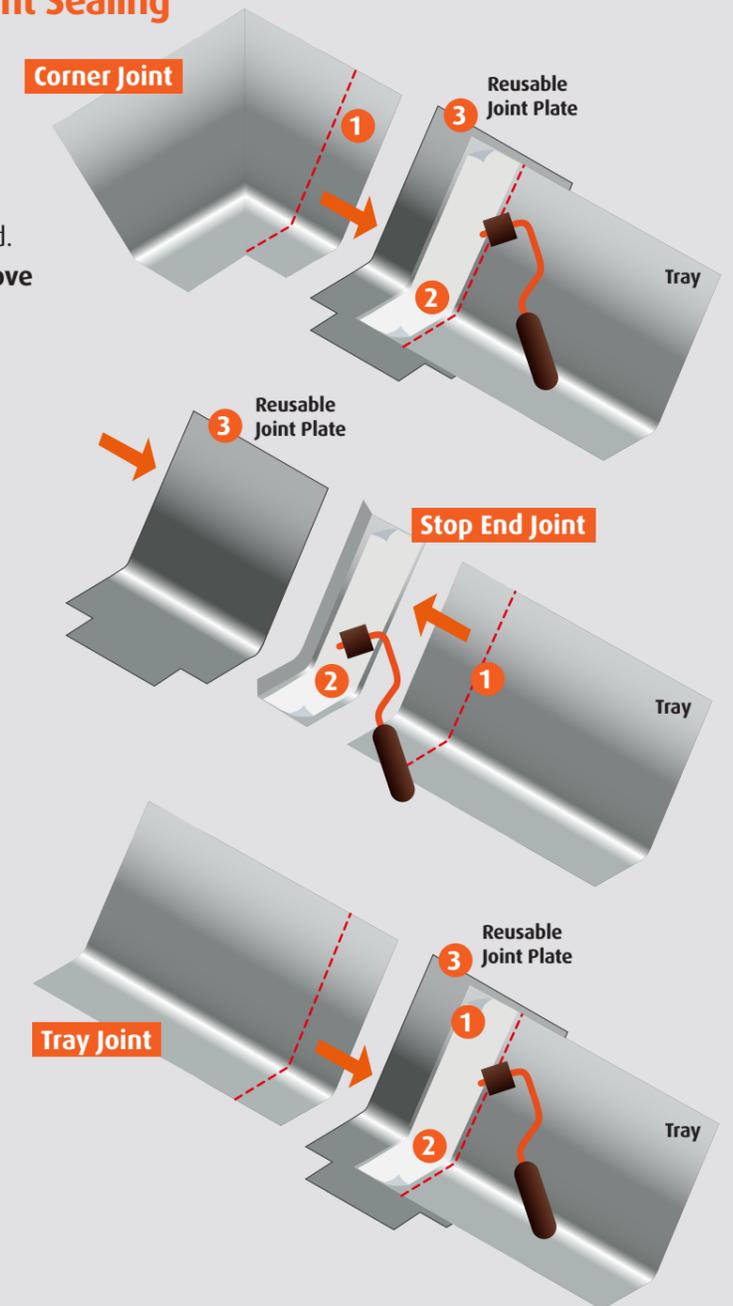
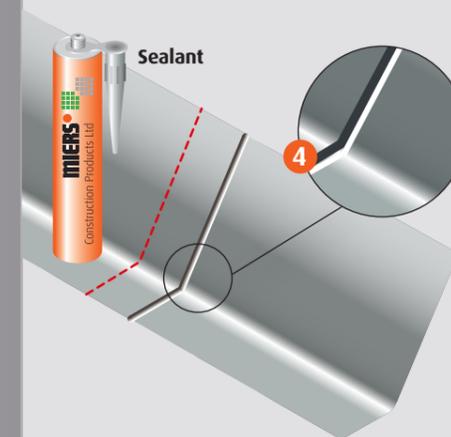
**1** All joints should overlap by minimum of 100mm.

**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.



# METZ EaZi-Fit Non-Combustible Cavity Tray System

## 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

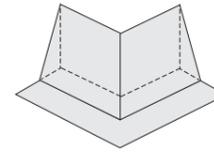
The Stop End on the EZ-Reveal can be site formed.

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## METZ EaZi-Fit Design Sheets Standards 1 - 3

### EZ External Corner

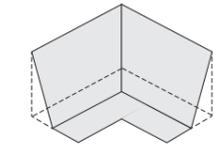
#### EZ External Corner



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

### EZ Internal Corner

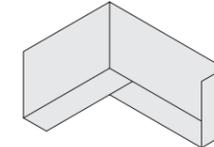
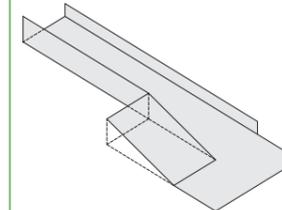
#### EZ Internal Corner



### EZ Adjustable Reveal Floating Stop End and

#### EZ Adjustable Reveal

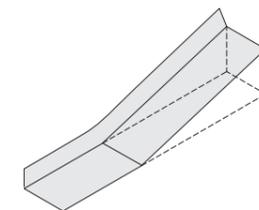
#### EZ Floating Stop End



## METZ EaZi-Fit Design Sheets Specials 4 - 8

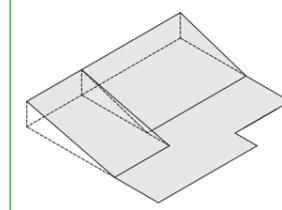
### EZ Stop End Corner

#### EZ Stop End

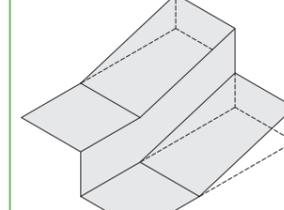


### EZ Step On Plan and Step On Elevation

#### EZ Step On Plan

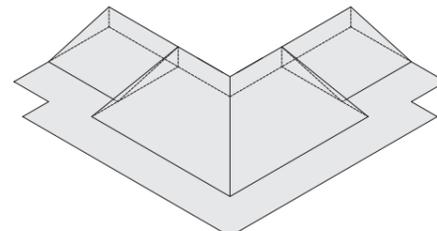


#### EZ Step On Elevation



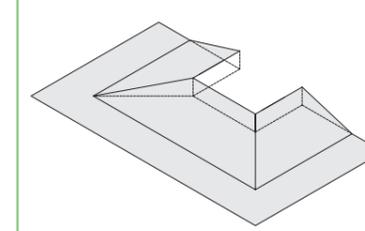
### EZ Pier Corner

#### EZ Pier Corner

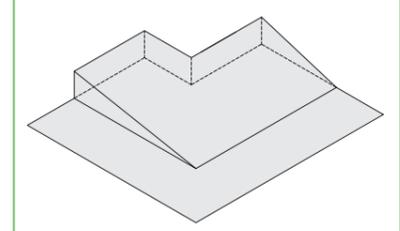


### EZ Column End Pier and Column Projection & Reveal

#### EZ Column End Pier



#### EZ Column Projection and Reveal

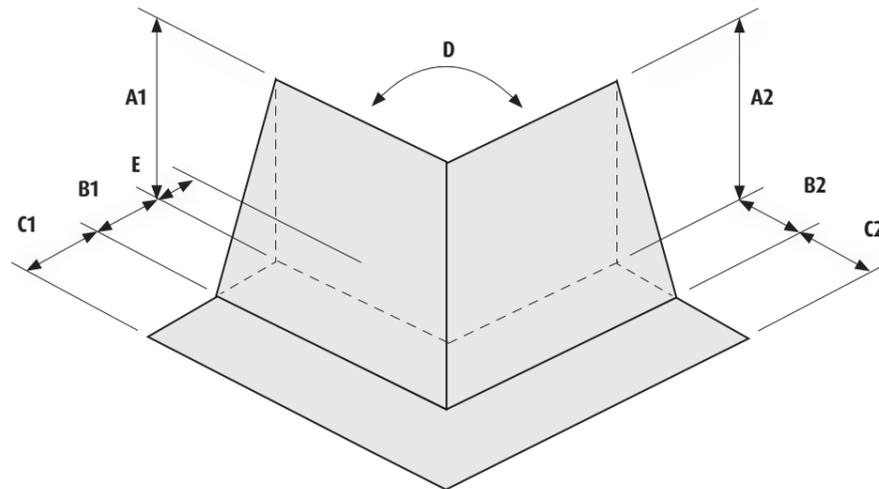


Email:  
[sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)

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	

### External Corner



External Corner		
Location Reference		
		(complete if different)
A - Rise	A1 =	A2 =
B - Cavity	B1 =	B2 =
C - Outer	C1 =	C2 =
D - Corner Angle	D =	
E - Tray to structure	E =	
Quantity as drawn		
Quantity handed		

Additional / bespoke features can be incorporated, if required please indicate:

- Stop Ends
- Specific Leg Length(s)

Please note External Corners are made to order and are non-returnable

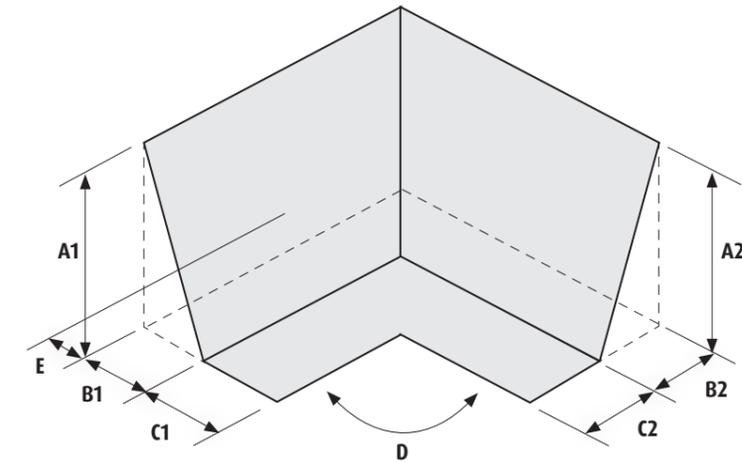
Signed		Print Name
Position		Date

Email: [sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)

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	

### Internal Corner



Internal Corner		
Location Reference		
		(complete if different)
A - Rise	A1 =	A2 =
B - Cavity	B1 =	B2 =
C - Outer	C1 =	C2 =
D - Corner Angle	D =	
E - Tray to structure	E =	
Quantity as drawn		
Quantity handed		

Additional / bespoke features can be incorporated, if required please indicate:

- Stop Ends
- Specific Leg Length(s)

Please note Internal Corners are made to order and are non-returnable

Signed		Print Name
Position		Date

Email: [sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)

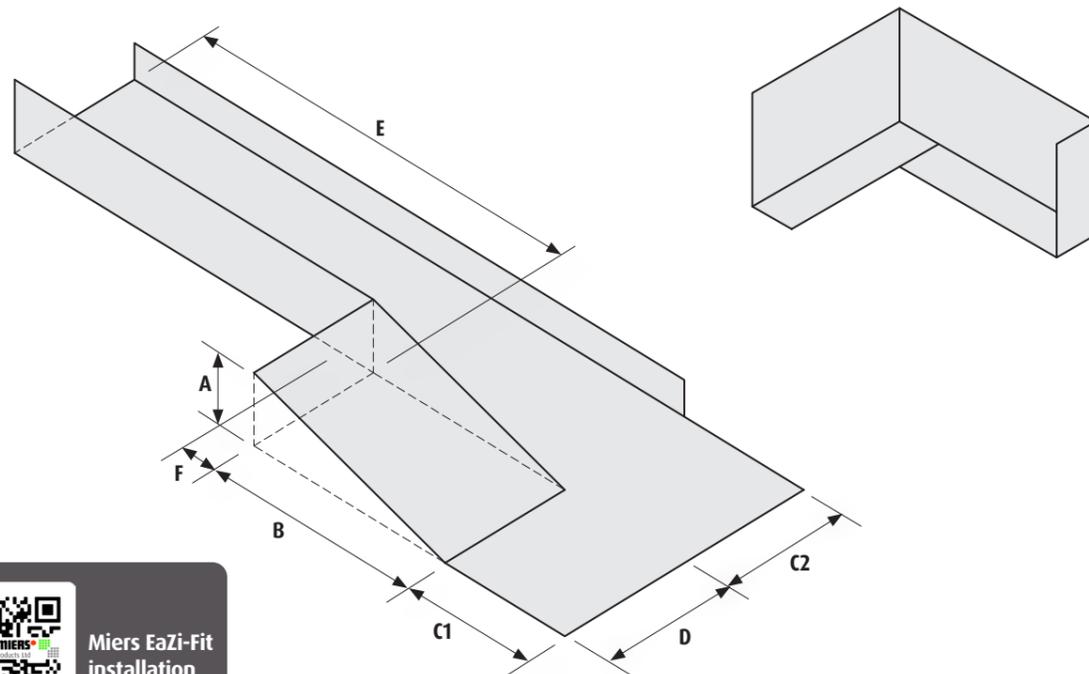
# METZ EaZi-Fit Cavity Tray

## Design Sheet: Adjustable Reveal

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

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

### Adjustable Reveal



Adjustable Reveal		
Location Reference		
A - Rise		
B - Cavity		
C - Outer	C1 =	C2 =
D		
E		
F - Tray to structure		
Quantity as drawn		
Quantity handed		

- Additional / bespoke features can be incorporated, if required please indicate:
- Stop Ends
  - Specific Leg Length(s)

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

Email: [sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)

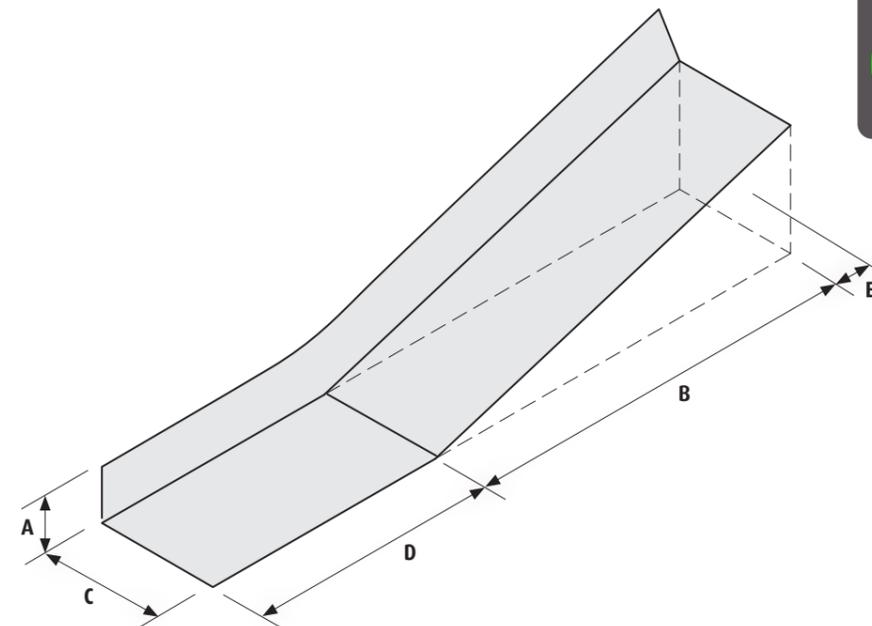
# METZ EaZi-Fit Cavity Tray

## 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



Stop End	
Location Reference	
(Complete if different)	
A - Rise	
B - Cavity	
C - Outer	
D	
E - Tray to structure	
Quantity as drawn	
Quantity handed	

- Additional / bespoke features can be incorporated, if required please indicate:
- Stop Ends
  - Specific Leg Length(s)

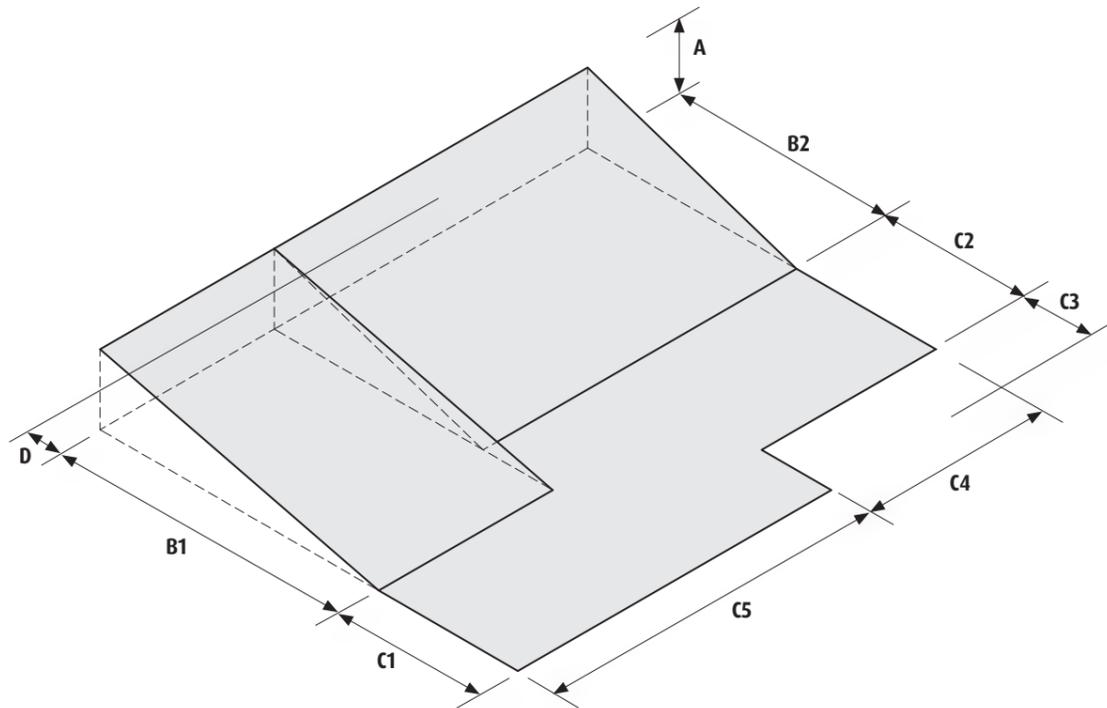
Please note Stop Ends are made to order and are non-returnable			
Signed		Print Name	
Position		Date	

Email: [sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)

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	

### Stop End Plan



Stop End Plan		
Location Reference		
A - Rise		
B - Cavity	B1 =	B2 =
C - Outer	C1 =	C2 =
	C3 =	C4 =
	C5 =	
D - Tray to structure		
Quantity as drawn		
Quantity handed		

Additional / bespoke features can be incorporated, if required please indicate:

- Stop Ends
- Specific Leg Length(s)

Please note Stop End Plans are made to order and are non-returnable

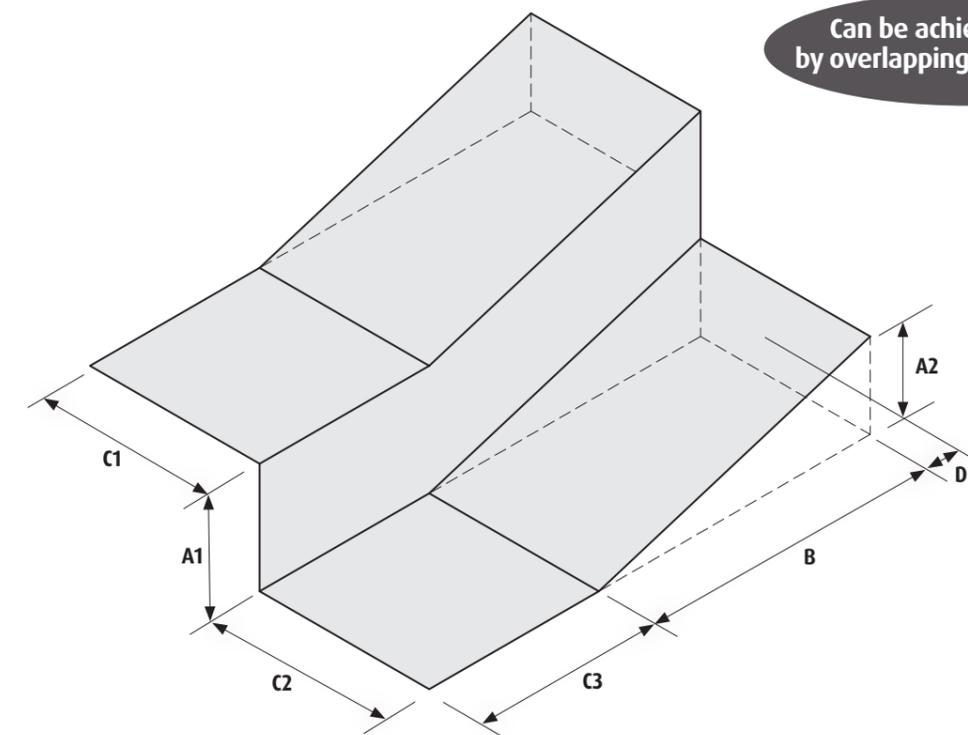
Signed		Print Name
Position		Date

Email: [sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)

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

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

### Step On Elevation



Step On Elevation		
Location Reference		
(Complete if different)		
A - Rise	A1 =	A2 =
B - Cavity		
C - Outer	C1 =	C2 =
	C3 =	
D - Tray to structure		
Quantity as drawn		
Quantity handed		

Additional / bespoke features can be incorporated, if required please indicate:

- Stop Ends
- Specific Leg Length(s)

Please note Step On Elevations are made to order and are non-returnable

Signed		Print Name
Position		Date

Email: [sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)

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

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

**Pier Corner**

Pier Corner		
Location Reference		
(Complete if different)		
A - Rise	A =	
B - Cavity	B1 =	B2 =
C - Outer	C1 =	C2 =
D	D1 =	D2 =
E	E1 =	E2 =
F	F1 =	F2 =
G - Tray to structure		
Quantity as drawn		
Quantity handed		

Additional / bespoke features can be incorporated, if required please indicate:

- Stop Ends
- Specific Leg Length(s)

Please note Pier Corners are made to order and are non-returnable

Signed		Print Name
Position		Date

Email: [sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)

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	

**Column End Pier**

Column End Pier		
Location Reference		
A - Rise	A =	
B - Cavity	B1 =	B2 =
	B3 =	
C - Outer	C1 =	C2 =
D		
E - Tray to structure		
Quantity as drawn		
Quantity handed		

Additional / bespoke features can be incorporated, if required please indicate:

- Stop Ends
- Specific Leg Length(s)

Please note Column End Piers are made to order and are non-returnable

Signed		Print Name
Position		Date

Email: [sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)

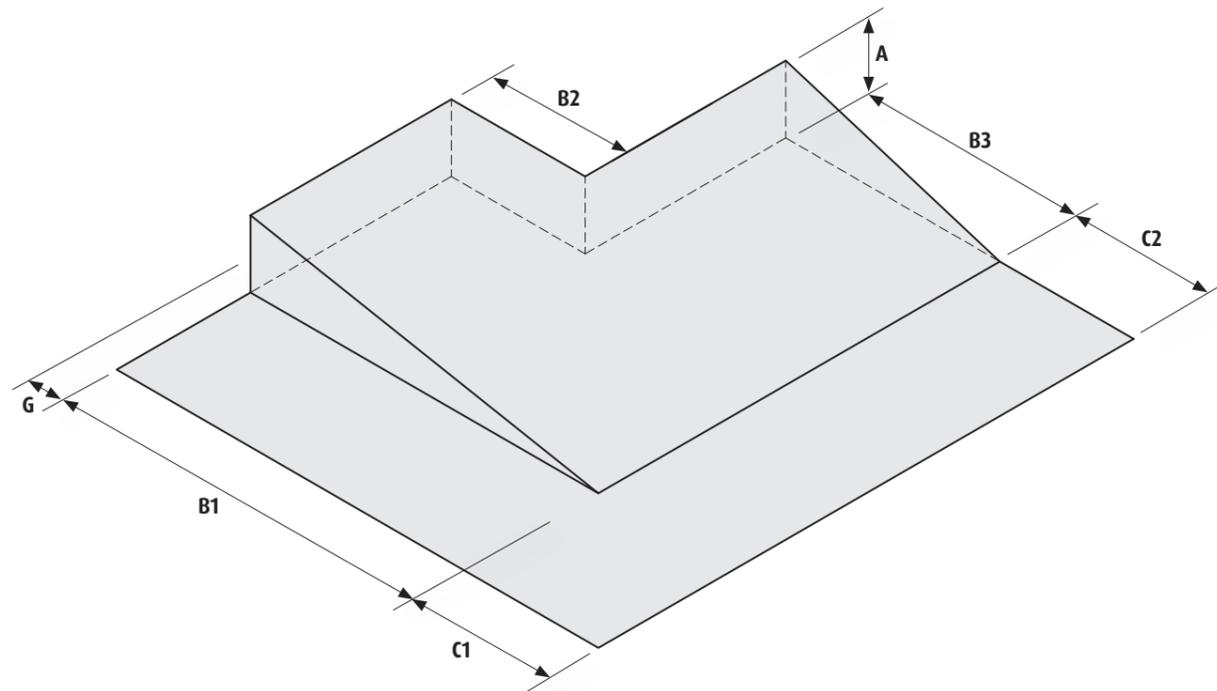
# METZ EaZi-Fit Cavity Tray

## Design Sheet: EZ Column Projection & Reveal

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

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

### Column Projection & Reveal



Column Projection & Reveal		
Location Reference		
A - Rise		
B - Cavity	B1 =	B2 =
	B3 =	
C - Outer	C1 =	C2 =
G - Tray to structure		
Quantity as drawn		
Quantity handed		

Additional / bespoke features can be incorporated, if required please indicate:  
 • Stop Ends  
 • Specific Leg Length(s)

Please note Column Projection & Reveals are made to order and are non-returnable

Signed		Print Name	
Position		Date	

Email:  
[sales@miersconstructionproducts.co.uk](mailto:sales@miersconstructionproducts.co.uk)



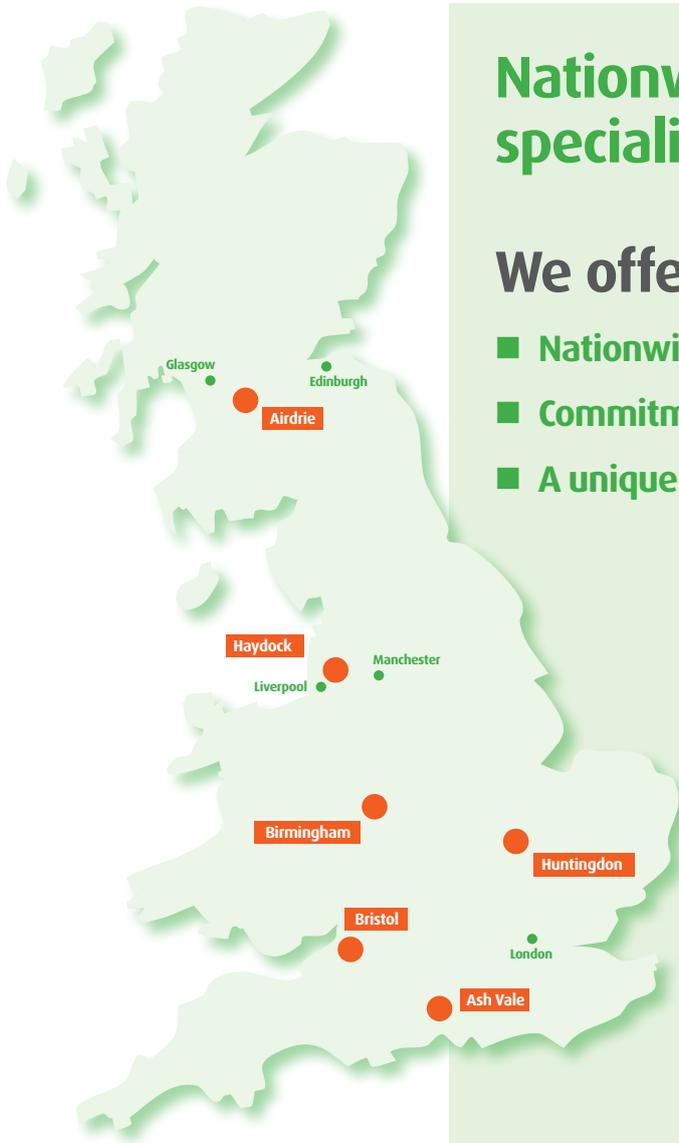
Project	_____
Building	_____
Floor level	_____
Inspected by	_____
Signature	_____
Date	_____

## METZ EaZi-Fit Installation Checklist

- 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 10mm 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?**



# Miers branches throughout the UK



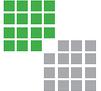
## Nationwide supply of specialist construction products

### We offer

- Nationwide coverage
- Commitment to the highest standard of service
- A unique level of expertise and experience

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<b>Birmingham</b>	0121 2893 293
<b>Bristol</b>	0117 375 1230
<b>Haydock</b>	01925 202 128
<b>Huntingdon</b>	01480 702 222

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[www.miersconstructionproducts.co.uk](http://www.miersconstructionproducts.co.uk)