FIXFAST

Maximum reliability. Minimum fuss.
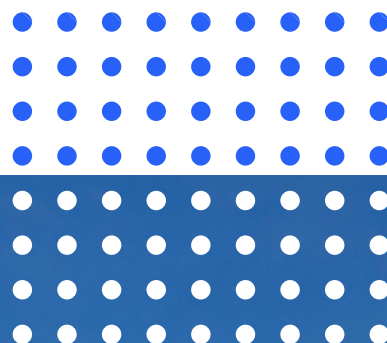
TATA
Trimapanel

Minsthorpe Leisure

Fastener Systems and Sealing Products

Extract from MCRMA Guidance Document GD11

Fixfast design, manufacture and supply specialist building fasteners and components for the walls and roofs of industrial, commercial and larger residential buildings. We collaborate with major building envelope system manufacturers, such as TATA, to provide them and their clients with engineered fastening and sealing solutions.

This selector guide has been created as an easy to use reference document, identifying the most common fasteners and components for use when installing the TATA Trimapanel panel system.

Full technical data for these products along with application uses can be found on our website at www.fixfast.com by searching for the product.

Our specification team can assist in providing NBS specifications for specific projects, whilst our customer services team can answer questions regarding the usage or ordering of Fixfast products.

If you have any queries regarding our products or services then please do contact our customer services team on +44 (0) 1732 882387 or by emailing sales@fixfast.com.

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Contents

Fixing TATA Trimapanel to cold rolled steel

Primary fixing to cold rolled steel.

Use DrillFast® fasteners.

8mm Hex Head, use Fixfast GreenDrive for stainless fasteners
and Fixfast YellowDrive for carbon fasteners.

Panel Thickness	Fastener Code 316/A4 Stainless steel	Fastener Code 304/A2 Stainless steel 1.2-3mm	Fastener Code Carbon 1.2-3mm
70mm	DF5-SSA4-HT-S16-6.3 x 85	DF3-SS-HT-A15-5.5 x 85	DF3-HT-A15-5.5 x 85
90mm	DF5-SSA4-HT-S16-6.3 x 115	DF3-SS-HT-A15-5.5 x 110	DF3-HT-A15-5.5 x 105
120mm	DF5-SSA4-HT-S16-6.3 x 135	DF3-SS-HT-A15-5.5 x 130	DF3-HT-A15-5.5 x 130

For fixing panels back to timber, please contact Fixfast Customer Service team on **+44 (0) 1732 882387**

Fixing TATA Trimapanel to hot rolled steel

Primary fixing to hot rolled steel.

Use DrillFast® fasteners.

8mm Hex Head, use Fixfast GreenDrive for stainless fasteners
and Fixfast YellowDrive for carbon fasteners.

Panel Thickness	Fastener Code 316/A4 Stainless steel	Fastener Code 304/A2 Stainless steel 4-12mm	Fastener Code Carbon
70mm	DF15-SSA4-HT-S16-6.3 x 130	DF12-SS-HT-A15-5.5 x 115	DF12-HT-A15-5.5 x 105
90mm	DF15-SSA4-HT-S16-6.3 x 150	DF12-SS-HT-A15-5.5 x 150	DF12-HT-A15-5.5 x 125
120mm	DF15-SSA4-HT-S16-6.3 x 150	DF12-SS-HT-A15-5.5 x 150	DF12-HT-A15-5.5 x 145

Fixing TATA Trimapanel to steel 8.0 - 25.0mm

Primary fixing to hot rolled rails.

Use DrillFast® fasteners.

8mm Hex Head, use Fixfast GreenDrive.

Panel Thickness	Fastener Code
70mm	Please enquire for details
90mm	DF25-SSA4-HT-S16-6.3 x 225
120mm	DF25-SSA4-HT-S16-6.3 x 225

For fixing panels back to timber, please contact Fixfast Customer Service team on **+44 (0) 1732 882387**

Fixing TATA Trimapanel top hat fixing

Fixing Top-hat.

Use DrillFast® fasteners.

8mm Hex Head, use Fixfast GreenDrive for stainless fasteners and Fixfast YellowDrive for carbon fasteners.

Fastener Code 316/A4 Stainless steel	Fastener Code 304/A2 Stainless Steel	Fastener Code Carbon
DF3-SSA4-S15-5.5 x 35	DF3-SS-A15-5.5 x 25	DF3-A15-5.5 x 25

Fixing TATA Trimapanel base support

Base support clip fastener into cold rolled rails.

Use DrillFast® fasteners.

8mm Hex Head, use Fixfast GreenDrive for stainless fasteners and Fixfast YellowDrive for carbon fasteners.

Fastener Code 316/A4 Stainless steel	Fastener Code 304/A2 Stainless steel	Fastener Code Carbon
DF3-SSA4-S15-5.5 x 35	DF3-SS-A15-5.5 x 25	DF3-A15-5.5 x 25

Fixing TATA Trimapanel base support

Base support channel fastener into concrete floor slab.

Use TuffFast fasteners.

8mm Hex Head, use Fixfast GreenDrive for stainless fasteners and Fixfast YellowDrive for carbon fasteners.

Fastener Code 304/A2 Stainless steel	Fastener Code Carbon
HTF-SS-A15-6.3 x 45	HTF-A15-6.3 x 45

TATA Trimapanel flashing fixing

External stitching screw for metal flashing to panel.

Use MatchFast® Stainless stitching fasteners.
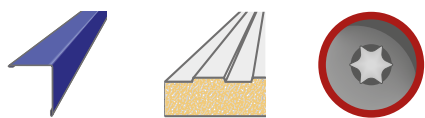
11mm bi-hex head, use Fixfast MF1165.
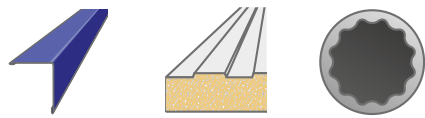
Fastener Code 316/A4 Stainless steel	Fastener Code 304/A2 Stainless steel	Fastener Code Carbon
MF2-SSA4-S15-6.3 x 25 + colou	MF2-SS-A15-6.3 x 25 + colour	MF2-A15-6.3 x 25 + colour

TATA Trimapanel flashing fixing

External stitching screw for metal flashing to panel.

Use DrillFast® Lacquered stitching fasteners.

Pan TX25 head, use Fixfast RedDrive.

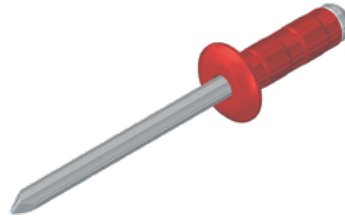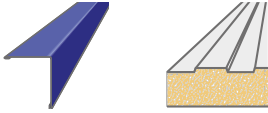| Fastener Code 316/A4 Stainless steel	Fastener Code Carbon
DF2-SSA4-PL-S15-6.3 x 25 + colour	DF3-DPL-A15-5.5 x 25 + colour

Flashing/trim to panel skin

External rivet for metal flashing to panel.

Use Stainless steel lacquered rivet.

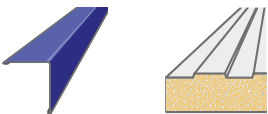Use powered riveting tool.

Fastener Code
R-SS-LAC-4.8 x 15 + colour

Flashing/trim to panel skin

External rivet for metal flashing to panel.

Use lacquered aluminium rivet.

Use powered riveting tool.

Fastener Code
R-AC-LAC-4.8 x 15 + colour

Fixfast Slector Guide
Fastner System and Sealing
Products

TATA Trimapanel panel sealants

Sealant for panel ends at eaves, bases and corners.

Use A Class butyl strip sealant.

Sealant Code	Thickness x Width (mm)	Roll Length (m)
A-6 dia x 8	6 dia bead	8

TATA Trimapanel joint sealants

Sealant for internal flashing joints.

Use A Class butyl strip sealant.

Sealant Code	Thickness x Width (mm)	Roll Length (m)
A-3 x 50 x 15	3 x 50	15

TATA Trimapanel flashing sealants

Sealant for external flashing joints.

Use A Class butyl strip sealant.

Sealant Code	Thickness x Width (mm)	Roll Length (m)
A-4 dia x 12	4 dia bead	12

Fire resistant construction foam

Fire rated foam insulation.

Use Firefoam B1.

Sealant Code	Cartridge Size (ml)	Fitting	Box Quantity
FIREFOAM-B1-GUN	750	Screwtop	12
FIREFOAM-B1-HAND	750	Manual	12

TATA Trimapanel cartridge sealants

Sealant for panel joint gap at corners and vertical junctions.

Use Seelex BR gun grade solvent release bedding sealant.

Sealant Code	Cartridge Size (ml)	Cartridges / Carton	Colour
SEELEX-BR	380	24	Grey or White

GreenDrive

One-piece drive socket for DrillFast® stainless fasteners, supports the head for easy accurate driving.

Product Code: GREENDRIVE

RedDrive

One-piece drive socket for DrillFast® low profile fasteners, supports the head for easy accurate driving.

Product Code: REDDRIVE

MF1165

One-piece recess drive socket for MatchFast® head fasteners, supports the head for easy accurate driving.

Product Code: MF1165

Many other tools and accessories are available.

Please see the current Fixfast Product Directory,
go to **www.fixfast.com**, or ask the Fixfast customer service team.

Fastener Data

+ All dimensions are subject to manufacturing tolerances.

+ Performance values are tested and calculated according to Eurocode procedures and appropriate safety factors should be applied in any calculations using these values.

Fastener Selection

+ Recommended fastener lengths are calculated using standard tolerances for the fasteners and the combination of materials in the build-up.

+ If there is distortion in the supporting construction, or other non-standard application detail, longer fasteners may be necessary than those shown. Always check the actual circumstances before deciding on a particular length.

Further Assistance

+ For any enquiry, or to discuss your requirements with someone knowledgeable, call the Fixfast customer service team on **+44 (0) 1732 882387**.

+ Full literature is available for the Fixfast range, or visit www.fixfast.com

+ Other performance data may be available on request. For more unusual applications, tests can be carried out in our in-house technical centre to provide the necessary data.

+ Site visits are also possible, particularly for pull-out performance into concrete, masonry or other variable substrates. Please ask for a Site Visit Request form if you think this service would be useful.

+ CAD files of fasteners are available on request for inclusion in drawings.

The information contained in this document is based on Fixfast's product data. It is provided in good faith but Fixfast cannot be held liable for any errors. Performance is dependent on adherence to the conditions and instructions contained in Fixfast's Technical Data Sheets for the products shown. Performance values should be approved by a qualified engineer, and Fixfast recommend preliminary tests for any application where variation is possible in the materials or substrates involved.

All our technical data can be found on our website against the individual products - including certifications, performance values, and other relevant technical data.

FIXFAST

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