



# ISOPON METAL FIX

MTFX/S, MTFX/1

Version: 1.0

Date of issue: 07/10/2022 Revision date:

DRIVING SURFACE PERFECTION

## TECHNICAL DATASHEET

Ideal for deep to medium depth panel damage.

- High density filler.
- Soft and smooth application.
- Excellent filling properties.
- Water resistant - bond or fill with the same product.

| Product          | Order Code | Format    | Shelf Life |
|------------------|------------|-----------|------------|
| ISOPON METAL FIX | MTFX/S     | 250ml Tin | 2 years    |
| ISOPON METAL FIX | MTFX/1     | 560ml Tin | 2 years    |

## APPLICATION INFORMATION



FOR PPE RECOMMENDATIONS REFER TO SDS

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information.



### Surface Preparation



#### Substrate

Bare Steel  
Aluminium  
Galvanised  
Original Paint  
Fibreglass / GRP, SMC  
Polyester Body Filler

#### Degreaser

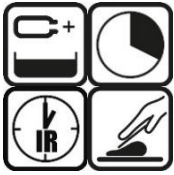
SYSTEM 20 Solvent-Based Degreaser  
SYSTEM 20 Solvent-Based Degreaser  
SYSTEM 20 Solvent-Based Degreaser  
SYSTEM 20 Solvent-Based Degreaser  
SYSTEM 20 Water-Based Degreaser  
SYSTEM 20 Solvent-Based Degreaser

#### Abrasion

P80  
P180  
P180  
P180  
P180  
P80 - P180

For best results, good preparation is essential. Clean and degrease removing dirt, oil, grease and wax using cleaning solutions such as U-POL's SYSTEM 20 Degreasers. Abrade with grit paper as stated above for each respective substrate. Re-clean, dry and degrease the abraded substrate ready for application.

### Application



**Mixing ratio (BPO Hardener)** 3%  
**Gel Time** 7 – 8 minutes  
**Sandable after** 20 minutes

#### 10°C

3%  
7 – 8 minutes  
20 minutes

#### 20°C

2%  
4 – 6 minutes  
15 – 20 minutes

#### 30°C

1%  
4 – 5 minutes  
15 minutes

**Maximum Fill Depth** 3 - 5 mm  
**Infrared Bake** 50 – 80 cm, 80 °C, 5 minutes

Mix thoroughly on an Onion Board Mixing Palette. Follow mix ratio carefully. Do not under or over catalyse. Apply with a pressing action to reduce air entrapment. Not recommended for applications below 5°C.

### Sanding



**Initial Sanding** P80 - P120  
**Final Sanding** P180 - P240

U-POL recommends using GUIDE #7 Guide Coat Aerosol during the sanding process to identify the high and low spots. A U-POL Finishing Filler such as DOLPHIN GLAZE can be used to fill imperfections such as pin holes and scratches prior to painting.

### Over-Painting



Once sanded, this formulation can be overpainted with most water/solvent-based paint systems. U-POL recommends a SYSTEM 20 Primer to achieve the perfect surface for the colour of your choice.

## TECHNICAL INFORMATION

### Physical properties



**Appearance** Paste.  
**Colour** Grey, Metallic  
**Density** 1.525 (1.5 – 1.55) g/cm<sup>3</sup>

### VOC Information



**VOC Category (2004/42/CE)**

Bodyfiller/Stopper, product category IIB(b), max. limit 250 g/l

The VOC content of this product as received is 227 g/l. The VOC content of this product in ready to use form is 100 g/l.

### Storage



**Recommended storage temperature**

< 25 °C

Store locked up. Store in a well-ventilated place. Keep cool.

### Associated Products



#### Product

Onion Board Mixing Palette  
U-POL Applicator  
U-POL Applicator  
SYSTEM 20 Water-Based Degreaser

#### Order Code

ON/1  
APL/1  
APL/3  
S2000/5

#### Format

100-sheets  
20-pack  
3-pack  
5L Canister



# ISOPON METAL FIX

MTFX/S, MTFX/1

Version: 1.0

Date of issue: 07/10/2022 Revision date:

DRIVING SURFACE PERFECTION

## TECHNICAL DATASHEET

|  |            |               |
|--|------------|---------------|
| SYSTEM 20 Solvent-Based Fast Degreaser       | S2001/5    | 5L Tin        |
| SYSTEM 20 Solvent-Based Slow Degreaser       | S2002/1    | 1L Tin        |
| SYSTEM 20 Solvent-Based Slow Degreaser       | S2002/5    | 5L Tin        |
| WIPE #6 Solvent-Based Degreaser Aerosol      | WIPE/AL    | 450ml Aerosol |
| GUIDE #7 Guide Coat Aerosol                  | GUIDE/AL   | 450ml Aerosol |
| DOLPHIN Glaze                                | BAGDOL/1   | 880ml Bottle  |
| MAXIMUM Professional Lint-Free Solvent Wipes | MWPP/350   | 100-pack      |
| MAXIMUM Tack Cloths                          | TRAG/10    | 10-pack       |
| MAXIMUM Tack Cloths                          | TRAG/50    | 50-pack       |
| MAXIMUM Premium Masks                        | RESPV      | 1-pack        |
| MAXIMUM Painters Overalls                    | COVER/M    | 1-pack        |
| MAXIMUM Painters Overalls                    | COVER/L    | 1-pack        |
| MAXIMUM Painters Overalls                    | COVER/XL   | 1-pack        |
| MAXIMUM Painters Overalls                    | COVER/XXL  | 1-pack        |
| MAXIMUM Painters Overalls                    | COVER/XXXL | 1-pack        |
| MAXIMUM Abrasive Latex Paper Discs P80       | ABD7/VP80  | 100-pack      |
| MAXIMUM Abrasive Latex Paper Discs P120      | ABD7/VP120 | 100-pack      |
| MAXIMUM Abrasive Latex Paper Discs P180      | ABD7/VP180 | 100-pack      |
| MAXIMUM Abrasive Latex Paper Discs P240      | ABD7/VP240 | 100-pack      |

U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local stockist or via the U-POL website at [WWW.U-POL.COM](http://WWW.U-POL.COM). U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits. U-POL is not liable for mis-use or abuse of its products and no application warranty is expressed or implied.

For additional technical assistance, please contact the U-POL Technical Department at [technicalsupport@u-pol.com](mailto:technicalsupport@u-pol.com)

U-POL Limited  
Denington Road  
NN8 2QH Wellingborough - United Kingdom  
T +44 (0) 1933 230310  
[technicalsupport@u-pol.com](mailto:technicalsupport@u-pol.com) - [www.u-pol.com](http://www.u-pol.com)

U-POL Netherlands B.V.  
Hoorgoordreef 15  
1101BA Amsterdam - Netherlands  
T +31 20 240 2216  
[technicalsupport@u-pol.com](mailto:technicalsupport@u-pol.com) - [www.u-pol.com](http://www.u-pol.com)