

# Product Data Sheet

## Astro PFP FR Putty Seal

Revision 7 - 22nd April 2021



## Astro PFP FR Putty Seal

- Supplied in different shapes and forms for multiple application areas.
- CE marked certified for UK and European markets.
- Installation is very simple and quick.
- Stops penetration of both cold and hot smoke.
- Self-adhesive and very easy to apply without tools.
- Unaffected by moisture; can be used in wet rooms.
- Never hardens and ensures a tight fit.
- Can be reshaped to other sizes if necessary.
- Provides excellent sound insulation.
- Environmentally and user friendly - contains no solvents.
- Contains a low pressure intumescent for optimal fire protection.
- Patented solution (Putty Cord).
- 90 minutes fire resistance in 100mm and 130mm dry wall construction. Tested to EN 1366-3:2004 in conjunction with additional guidelines from BS:EN 1364-1.
- Air pressure test up to 1000Pa (pass).



### Product Description

Astro PFP FR Putty seal is an easy to apply fire and sound rated sealant supplied as a non-setting putty. The putty is hand workable, reuseable and re-serviceable due to its non-setting properties. The putty is manufactured and supplied in different shapes and forms for different applications.

#### Putty Pads for sockets

When electrical sockets and switches are installed in dry lining partitions, the original fire rating of the partition is compromised. Fitting Putty Pads will reinstate the fire rating of the partition for up to 90 minutes (depending on the partition fire rating) preventing the passage of smoke, flames, sound and air through the electrical socket.

#### Putty Cords for fire sealing services

The putty chord is designed to seal small gaps (0-10mm wide) around service penetrations where it is difficult to use traditional intumescent sealant and backers in terms of access and maintaining correct depths of seal.

#### Putty Pads for water supply boxes

When tap water wall boxes are installed in dry lining partitions, the original fire rating of the partition is compromised. Fitting Putty Pads will reinstate the fire rating of the partition for up to 90 minutes (depending on the partition fire rating) preventing the passage of smoke, flames, sound and air through the electrical socket.



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 CE-2531-CPR-CXO10143

ETA - 21/0026  
 EAD 350454-00-1104  
 ASTRO PFP  
 FR PUTTY SEAL

"See ETA - 21/0026 for  
 Relevant characteristics"

## Sound Insulation

Description	Sound reduction
Putty Pads for sockets	Rw 67 dB

Astro PFP FR Putty seal has been tested at BRE (UKAS accredited); according to EN ISO 140-3:1995. Single number quantities were calculated in accordance with EN ISO 717-1:1997. The test report is available upon request.

## Emission Data (indoor air quality)

Compound	Emission rate after 3 days	Emission rate after 4 weeks
TVOC	190 µg/m <sup>3</sup>	12 µg/m <sup>3</sup>
TSVOC	< 5 µg/m <sup>3</sup>	< 5 µg/m <sup>3</sup>
VOC w/o NIK	13 µg/m <sup>3</sup>	< 5 µg/m <sup>3</sup>
R Value	0.10	< 0.0099
Formaldehyde	< 3 µg/m <sup>3</sup>	< 3 µg/m <sup>3</sup>
Acetaldehyde	< 3 µg/m <sup>3</sup>	< 3 µg/m <sup>3</sup>
Carcinogenic	< 1 µg/m <sup>3</sup>	< 1 µg/m <sup>3</sup>

Regulation or Protocol	Conclusion
French VOC Regulation	A+
French CMR components	Pass
AgBB	Pass
Belgian Regulation	Pass
Indoor Air Comfort®	Pass
Indoor Air Comfort GOLD®	Pass
EN 717-1§	E1
BREEAM International	Compliant
BREEAM-NOR	Pass
LEED v4 (outside U.S.)	Compliant

Tested by Eurofins Product Testing; report available upon request.

## Technical Data

<b>Ready for use</b>	Silicone based putty
<b>Durability/service</b>	Class Z2 : Intended for uses in internal conditions with humidity lower than 85 % RH excluding temperatures below 0°C, without exposure to rain or UV
<b>Density</b>	1.55 g/ml
<b>Application temperature</b>	+4 °C to +40 °C
<b>Service temperature</b>	-70 °C to +120 °C
<b>Storage</b>	Stored in temperatures between 5°C and 30°C
<b>Colour</b>	Red
<b>Form</b>	Pads or cords pre-shaped to its intended use
<b>Packaging</b>	Carton boxes

## Availability

Product Code	Product Description	Sizes
AFPFPPPIIS	Astro PFP FR Putty Pad Internal Single	170x170mm
AFPFPPPID	Astro PFP FR Putty Pad Internal Double	230x170mm
AFPFPPPIES	Astro PFP FR Putty Pad External Single	180x130mm
AFPFPPPID	Astro PFP FR Putty Pad External Double	230x230mm
AFPFPPCO	Astro PFP FR Putty Cord	200xØ15mm

### To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description / Size  
Typical example:- 10 / AFPFPPIS / Astro PFP FR Putty Pad Internal Single / 170x170mm

>> Tel: [01329 844 500](tel:01329844500) or >> Email: [sales@astroflame.com](mailto:sales@astroflame.com)

### Installation

We have technical representatives who provide assistance in the selection and specification of the products on this site and should be consulted for exact installation and product suitability. Ensure an early engagement with ourselves, designers, main contractor and specialist installers before any installation. Other trades and/or manufacturers may need to be consulted. For in-depth information, specification and technical advice please call our Head Office on tel [01329 844 500](tel:01329844500) or email [sales@astroflame.com](mailto:sales@astroflame.com)

### Maintenance

All interested parties, designer, specifier, main contractor and specialist installers should provide access to allow the fire stopping seals to be regularly inspected and maintained, as well as records kept of such maintenance at minimum periods of 12 months, as required by the Regulatory Reform Order, and repaired if necessary. Reference should be made to ASFP TGD 17 – Code of Practice for the Installation and Inspection of Fire Stopping.

### Competency

It is vital that those entrusted to design or install a fire stopping product have the necessary levels of competence to undertake the task professionally and thoroughly. The level of competency required will be commensurate with the expected complexity of the building. All designers must eliminate, reduce or control foreseeable risks that may arise during installation, construction or maintenance when preparing or modifying designs. Clients should ensure that the principal designer and principal contractor carry out their duties under CDM regulations. The ASFP foundation course in passive fire protection provides essential knowledge as part of demonstrating competency and understanding in this key fire protection specialism.

### Additional Notes

Please refer to the ETA sheet for fields of application for this product. For further information on installation requirements please refer to the socket box manufacturer data and wall specification to ensure the compatibility of this product, if in doubt please contact the technical team with services and wall specification on:

T: [01329 844 500](tel:01329844500) or E: [sales@astroflame.com](mailto:sales@astroflame.com)

### Health and Safety

Please see (SDS) Safety Data sheet - This can be requested from our sales team T: [01329 844 500](tel:01329844500) or E: [sales@astroflame.com](mailto:sales@astroflame.com)

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