

# Product Data Sheet

## Astro PFP FR Putty Seal

Revision 2 - 7th February 2019



## 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.
- Working life of at least 50 years.
- 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.



### 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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ETA - 19/0006  
EAD 350454-00-1104  
ASTRO PFP FR  
PUTTY SEAL  
" See ETA - 19/0006 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>Working life</b>            | Under normal conditions; 50 years   |
| <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 |
| AFPFPPPIED   | 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 / AFPFPPPIIS / Astro PFP FR Putty Pad Internal Single / 170x170mm

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

### Installation

Please see installation sheet - This can be requested from our sales team 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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