

## Technical Data Sheet

Issue 1 15/02/2023

**Product Name:** PRIMA® PUNF 6, 12, 25 & 50 S/A

**Product Description:** PRIMA® PUNF is an open-celled, flexible polyurethane acoustical foam impregnated with a high amount of flame retardants and polymeric bonding materials. The S/A enhancement includes a reinforced self-adhesive backing of a modified acrylic adhesive with siliconized paper release liner.

**Construction:** Monolayer Foam

**Application:** Designed to improve the sound insulation and absorption of existing panels of metal, wood, plastic, concrete etc., at all frequencies. The material can be installed using the attached self-adhesive backing and supported with fixing pins. The material can be easily cut to shape using a sharp blade.

### General Information

### Technical Data

| Description                  | Data                                   | Unit              | Tolerance   | Test Method                         |
|------------------------------|--|-------------------|-------------|-------------------------------------|
| Apparent Density             | 95                                     | Kg/m <sup>3</sup> | +/- 5%      | DIN EN 1602                         |
| Reaction to Fire             | Pass<br>Class 0<br>Class A             | -<br>-<br>-       | -<br>-<br>- | UL94 V0<br>BS476 Pt 6&7<br>ASTM E84 |
| Available Thickness          | 6, 12, 25, 50                          | mm                | +/- 10%     | -                                   |
| Strain at Break              | 130                                    | %                 | Nominal     | ISO 37:2011 (E)                     |
| Stress at Peak               | 75                                     | KPa               | Minimum     | ISO 37:2011 (E)                     |
| Thermal Conductivity         | 0.048                                  | W/m/K             | Typical     | Internal                            |
| Static Operating Temp. Range | -30 – 130 (short exposure at extremes) | °C                | -           | Internal                            |
| Colour                       | Black                                  | -                 | -           | -                                   |

### Acoustic Data

| Data from EN ISO 354:2007 |                    |
|---------------------------|--------------------|
| Hz                        | PRIMA® PUNF 50 S/A |
| 125                       | 0.26               |
| 250                       | 0.5                |
| 500                       | 0.67               |
| 1000                      | 0.8                |
| 2000                      | 0.85               |
| 4000                      | 0.99               |
| Foam Thickness (mm)       | 50.00              |
| Space L                   | 0.00               |
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| Total Thickness (mm)      | 50.00              |
| $\alpha_w$                | 0.75               |



