

Technical Data Sheet

Issue 1 15/02/2023

Product Name: PRIMA® PUNF 6, 12, 25 & 50

Product Description: PRIMA® PUNF is an open-celled, flexible polyurethane acoustical foam impregnated with a high amount of flame retardants and polymeric bonding materials.

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 an appropriate solvent based liquid adhesive 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 ³	+/- 5%	DIN EN 1602
Reaction to Fire	Pass Class 0 Class A	- - -	- - -	UL94 V0 BS476 Pt 6&7 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
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
Space L	0.00
Total Thickness (mm)	50.00
α_w	0.75

