

General Information

Product Name: Dedmas Elite Black 57

Product Description: Dedmas Elite has been designed to be a safe, non-staining and effective direct replacement to bitumen damping materials. This viscoelastic material is of a precisely know composition and is designed for damping applications where mass (acoustic insulation) and cost are key considerations. The performance over temperature is superior to bitumen over key service temperature areas. The product is a thermoplastic and so is fully recyclable. This product is available as rolls, simple press cut pads or more complicated press cut shapes. The material also has the option of a self adhesive backing.

Construction: Monolayer barrier

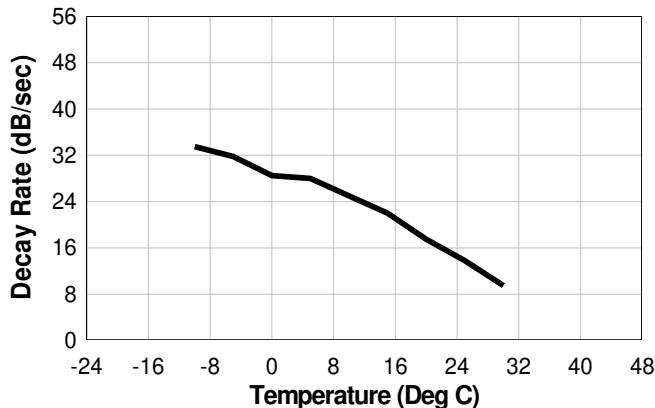
Technical Data

Description	Data	Unit	Tolerance	Test Method
Apparent Density	1800	Kg/m ³	+/- 10%	DIN EN 1602
Reaction to Fire	Pass	-	-	FMVSS 302
Nominal Weight	5.7	Kg/m ²	+10/-5%	-
Nominal Thickness	3.2	mm	+20/- 10%	-
Strain at break	20	%	Minimum	ISO 37:2011 (E)
Stress at peak	4.0	N/mm ²	Minimum	ISO 37:2011 (E)
Durometer hardness (Shore A)	98	-	Typical	Internal
Static Operating Temp. Range	- 20 – 95 (Short exposure at extremes)	°C	-	Internal
Colour	Black	-	-	-

Acoustic Data

Decay Rate v Temperature

BS 100 Hz Bar BS AU125
Dedmas Elite 4.8 kg/m²



Loss Factor v Temperature for Dedmas™ Elite (2kg/m²) and Bitumen (5kg/m²) (DMA 10 Hz)

