



Technical Data Sheet

MP974 SD5 Sound Deadening Foam

Physical Property	Value	Unit	Test Method
Thickness	5	mm	-
Roll Width	1500	mm	
Roll Length	75	m	-
Roll Area	112.5	m ²	
Nominal Density	30	Kg/m ³	ASTM D3575-08 Suffix W
Water Absorption	<3	Volume %	-
Compressive Strength			
- 25% (4 th Compression)	33	KPa	ISO 3386-1 DIN 53577
- 50% (4 th Compression)	99		
- 70% (4 th Compression)	230		
Compressive Creep (1.25 psi – 8.75 kg/dm ²)			
- 1 hour	<2	%	ASTM D3575-08
- 24 hour	<3		
- 168 hour	<7		
Thermal Stability	<2	%	ASTM D3575-08 Suffix S
Tensile Strength @ peak (MD/CD)	300 / 220	Kpa	ASTM D3575-08 Suffix T
Tensile Elongation (MD/CD)	70 / 65	%	ASTM D3575-08 Suffix T
Cell Size	≥ 26	Cells/25mm	BS 443-1
Thermal Conductivity	0.055	W/mK	ASTM C-177
CFC free	Yes	-	-
HCFC free	Yes	-	-

NOTE: the data presented in the table above is for un-fabricated foam product. Whilst values shown are typical of this product they should not be construed as specification for supply purposes.

Installation:

If there are any doubts about the cleanliness or level of the structural concrete base a self-levelling screed must be applied to prevent the SD foam from being punctured.

SD foam should be carefully butt jointed or overlapped by at least 100mm along its edges.

SD foam should be turned up at all perimeter walls.

SD foam should be detailed at skirting boards and door / floor frames.

All joints must be taped.

Use: As a resilient layer under cement sands screed in floor type 2 construction (concrete base with floating layer)

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Issue 1 – 12/2018