

EUROFLOR

Foamwise-FR

Technical Specification

PRODUCT NAME: High quality Polyurathane Foam Fire-retardant Carpet Underlay

End Use Classification: GD/U

Excellent thermal insulation

High degree of impact sound insulation

Warranty – Diminishing 15 years or life of carpet whichever is less

Roll size: 1.37m*14.6m, total 20.00sqm

Top surface backing : Strong Non-woven scrim (25 gsm)

Bottom surface backing: Strong plastic film (25 microns)

	PROPERTY	BS Requirements	TYPICAL	TEST METHOD
			RESULT	
1	Density		130kg/m ³	
2	Roll weight		18.07 kg	
3	Square Weight g/m²		1300±20	AS 2111.3
4	Thickness mm	± 10%	10.00±0.30	AS 2111.1
5	Breaking Strength			
	- Wrap N/50mm	40 Minimum	90.0	AS 2001.2.3
	- Weft N/50mm	40 Minimum	65	AS 2001.2.3
6	Extention Under % Force (@40N)	20 Maximum	9.0	AS 2001.2.3
7	Resistance to cracking	Not greater than 50mm	Pass	BS 5808
8	Loss in Thickness			
	- Static Load %	15% Max	3.6	AS 2111.14
	- Dynamic Load %	15% Max	4.1	AS 2111.2
9	Work of Compression Minimum in J/m ² after dynamic load (1000 Impacts) Maximum	75 200	113.2	AS 4288-2003 AS 4288-2003
	Retention of Work of Compression after dynamic % load (1000 Impacts)	40 Minimum	80%	AS 4288-2003
11	Acousic Properties			BSEN ISO 140-8
	Impact sound reduction	32 dB		BSEN ISO 717-2
12	Flammability	Bfl s1		EN 14041:2004
13	Content of pentachlorophenol	free		EN ISO 17070
14	Formaldehyde emission	class E1		EN 717-1
15	Odour	No objectionable odour		