

Flame Retardant Cloud 9 Underlay Datasheet

Product Code: RC02-FR-CL9

Properties	Test Method	Values		
Thickness	-	4mm	6mm	8mm
Top Layer	-	Printed Corona Treated Polymer Film		
Bottom Layer	-	Corona Treated Polymer Film		
Nominal Roll Weight	-	10.4 Kg	15.3 Kg	20.1 Kg
Weight Per Unit Area	-	690 g/m ²	1015 g/m ²	1334 g/m ²
Roll Length	-	11.0m		
Roll Width	-	1.37m		
Core Density	-	160 Kg/m ³		
Product Density	-	174 Kg/m ³	169 Kg/m ³	167 Kg/m ³
British Standard For Carpet Underlays				
End Use Classification	BS 5808	GC/U – HC/U	HC/U	HC/U
Work Of Compression After 1000 Impacts	BS 4098	>70 J/m ²	>90 J/m ²	>130 J/m ²
Retention Of Work Of Compression	BS 4098	>90 %		
Loss In Thickness After Static Loading	BS 4939	<5.00 %		
Loss In Thickness After Dynamic Loading	BS 4052	<5.00 %		
Resistance To Cracking	BS. 5808 (A)	Pass		
Fire Resistance				
Conforms To European Marine Equipment Directive (MED) 2014/90/EU	-	✓	✓	✓
MED Quality Approval Certificate – Module B	-	✓	✓	✓
European Reaction To Fire Classification	EN13501-1:2007	-	Bfl-S1	-
IMO – Flammability Test	MSC 307(88) Pt 5	Pass		
IMO – Marine Smoke & Toxicity Test	MSC 307(88) Pt 2	Pass		
Hot Metal Nut Test	BS 4790	Medium radius of effect	Low radius of effect	Low radius of effect
French Epiradiateur	NFP 92 - 501	Pass Class M3		

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.



Manufacturers · Designers · Distributors

Experts in Rubber



ISO 9001 : 2015 REGISTERED

Flame Retardant Cloud 9 Underlay Datasheet

Product Code: RC02-FR-CL9

Properties	Test Method	Values		
Indoor Air Quality Test				
French VOC Emission Class Label	ISO16000	A+		
Other Relevant Tests				
Thermal Resistance (TOG Rating)	BS 4745	0.9 TOG	1.4 TOG	1.7 TOG
Impact Sound Improvement Index	BS EN ISO 140-8 BS EN ISO 717-2	27 dB	32 dB	38 dB

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

E sales@therubbercompany.com • W www.therubbercompany.com • T +44 (0) 1794 513 184

The Rubber Company Limited - Registered in England and Wales
Company Number - 08350831 | VAT Number - GB 156 8355 80