

## Declaration of Performance Paro-Melt® Protection Membrane



<b>Identification code</b>		<b>Paro-Melt® Protection Membrane</b>				
<b>Intended use</b>		Reinforced bitumen sheets for roof waterproofing				
<b>Manufacturer</b>		Columbia Mills, 14-15 Sir John Rogerson's Quay, Dublin Docklands, Dublin 2, D02 E409, Ireland.				
<b>Authorised representative</b>		NA				
<b>System of assessment and verification of constancy of performance of the product</b>		System 2+				
<b>Product covered by the harmonised standard:</b>		EN 13707 The CSTB, notify body n° 0679 has performed under system 2+ the initial inspection of factory production control the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control n° 0679 - CPR - 0128.				
<b>European Technical Assessment:</b>		NA				
<b>Declare performance</b>						
Essential characteristics			Performance			Harmonised technical specification
			Value	Tolerance		
				Min	Max	
<b>Resistance to tearing (nail shank)</b>	Longitudinal		NA	-	-	N
	Cross direction		NA	-	-	
<b>Tensile properties: maximum tensile force</b>	Longitudinal		700	400	850	N/50mm
	Cross direction		550	350	700	
<b>Tensile properties: elongation</b>	Longitudinal		40	30	50	%
	Cross direction		50	40	60	
<b>Peel resistance of joint</b>	Maximum force	Selvedge	NA	-	-	N/50mm
		End joint	NA	-	-	
	Average force	Selvedge	NA	-	-	
		End joint	NA	-	-	
<b>Shear resistance of joint</b>	Maximum force	Selvedge	NA	-	-	N/50mm
		End joint	NA	-	-	
<b>Flexibility at low temperature</b>			-16	≤		°C
<b>Durability EN 1296</b>	Flow resistance at elevated temperature		NA			EN 13707:2014
<b>Durability EN 1297</b>	Visible defects		NA			
<b>Resistance to impact</b>			1000	≥		

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	20	≥	kg
<b>Resistance to static loading (method A)</b>	Conform		-
<b>Water tightness under 10 kPa</b>	Conform		-
<b>Resistance to root penetration</b>	FRoof (Note1)		-
<b>Resistance to external fire exposure</b>	NPD		-
<b>Reaction to fire</b>	Note 2 and 3		-
<b>Dangerous substances</b>			

NA: not applicable due to use of product.

Note 1: As the resistance to external fire exposure of roof depends on the complete system, no performance can be declared for the product alone.

Note 2: This product does not contain asbestos or tar constituents

Note 3: In the absence of European harmonized test methods, verification and declaration on release/content has to be done taking into account national provisions in the place of use.

The performances of the product identified above are in conformity with the declared performances.

In accordance with Regulation (UE)n°305/2011, this declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



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 Martin Bidewell  
 Technical Services Manager, UK  
 Moy Materials Ltd.  
 Date signed: 07/09/2022  
 Version Number: 1.0