

# Technical Data Sheet

## Paro-Melt® Detailing Membrane

### Product Description:

The Paro-Melt® Detailing Membrane is a stabilised polyester reinforced, SBS elastomeric modified bituminous waterproofing membrane with anti-root additive. The surface is finished with mineral slate chippings.

It is designed for use as a capsheet / detailing membrane with anti-root additives; suitable for use in all buried, vegetated or exposed membrane applications.

### Composition:

Reinforcement (gm/m <sup>2</sup> )	Stabilised polyester	180
Binder (gm/m <sup>2</sup> )	SBS elastomer with anti-root	3,600
Surface finish (gm/m <sup>2</sup> )	Mineral slates	1,000
Under surface finish (gm/m <sup>2</sup> )	Thermofusible film	10

### Certification:



### System Fire Testing:

As Section 7 of the BBA Agrément Certificate No 20/5745 a roof incorporating the Paro-Melt® system will be unrestricted under the National Building Regulations when used in a protected or inverted application and when covered with an appropriate surface finish, including listed inorganic coverings in the 'Annex of Commission Decision 2000/553/EC'.

### Application:

Torched on.



**Technical data:**

Characteristics				Performance			
		Standard (BS)	Units	Value	Tolerance		
					Min	Max	
Dimensions	Length	EN 1848-1	m	8	-1%		
	Width		m	1	-1%		
	Straightness		-	Pass			
	Nominal roll weight		kg	42.8			
	Thickness (selvedge)	EN 1849-1	mm	4.00	3.80	4.20	
Visible defects	New product	EN 1850-1	-	None			
	After ageing EN 1297		-	NA	-	-	
Adhesion of granules		EN 12039	%	15	0	30	
Resistance to tearing (nail shank)	Longitudinal	EN 12310-1	N	NA	-	-	
	Cross direction			NA	-	-	
Tensile properties: maximum tensile force	Longitudinal	EN 12311-1	N/50mm	600	500	900	
	Cross direction			600	500	730	
Tensile properties: elongation	Longitudinal	EN 12311-1	%	35	25	55	
	Cross direction			35	25	60	
Peel resistance of joint	Maximum force	Selvedge	EN 12316-1	N/50mm	NA	-	-
		End joint			NA	-	-
	Average force	Selvedge			NA	-	-
		End joint			NA	-	-
Shear resistance of joint	Maximum force	Selvedge	EN 12317-1	N/50mm	600	500	730
		End joint			600	500	900
Flexibility at low temperature	Surface	EN 1109	°C	-16	≤		
	Under surface			-16	≤		
Flow resistance at elevated temperature	New product	EN 1110	°C	100	≥		
	After ageing to EN 1296			100	90	110	
Resistance to impact		EN 12691	mm	1750	≤		
Resistance to static loading		EN 12730 (A)	kg	20	≥		
Dimensional stability		EN 1107-1	%	0.3	≤		
Form stability under cyclic temperature change		EN 1108	%	NA			
Water vapour transmission properties	New product	EN 1931	-	μ=20000			
	After ageing to EN 1296		-	NA			
Water tightness	New product	EN 1928	-	Pass	<10 kPa		
	After ageing to EN 1296		-	NA			
Water tightness after stretching at low		EN 13897	%	NA			

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temperature				
Reaction to fire	EN 13501-1	-	F	
Resistance to root penetration	EN 13948	-	Pass	
Dangerous substances	-	-	None	

NA = not applicable due to use of product. PND = Performance not determined.

MOY Materials Ltd reserves the right to modify, at any time, the characteristics of this product

### Delivery form:

Rolls.

### Storage:

Rolls must be stored in their original package, in vertical position and under cool and dry conditions between temperatures of +5 °C and +35 °C. They must be protected from direct sunlight, rain, snow and ice.

### Safety:

Safety precautions to be taken when using this product are given in the Safety Data Sheet.

### Disposal:

Information for this product are given in the Safety Data Sheet.