

Technical Data Sheet

ARMA CPV

1. Description	Arma CPV is a polyester reinforced elastomeric modified bitumen membrane, self-protected with a mineral surface. The selvedge is 7cm wide.
2. Use	Capsheet for details.
3. Application Method	Fully bonded, with fully sealed joints, using torch-on technique to form continuous layer.
4. Storage	Rolls to be stored upright and away from heat.
5. Composition	(Indicative). See below.

Reinforcement (g/m²)	Stabilised polyester	120
Binder (g/m²)	SBS elastomer	4,000
Surface finish (g/m²)	Slate chippings	1,000
Under surface finish (g/m²)	Thermofusible film	10

Characteristics		Standards (BS)	Units	Value	Tolerance		
					Min	Max	
Dimensions	Length	EN 1848-1	m	5	-1%		
	Width		m	1	-1%		
	Straightness		-	Pass			
	Nominal roll weight	EN 1849-1	kg	26			
	Thickness (on finished product)		mm	3.5	≥		
Visible defects	New product	EN 1850-1	-	None			
	After ageing to EN 1297		-	NA			
Adhesion of granules		EN 12039	%	15	-	-	
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	450	320	-	
	Cross direction			275	250	-	
Tensile properties: elongation	Longitudinal	EN 12311-1	%	15	10	-	
	Cross direction			15	10	-	
Peel resistance of joint	Maximum force	EN 12316-1	N/50mm	Selvedge	NA	-	-
				End joint	NA	-	-
	Average force			Selvedge	NA	-	-
				End joint	NA	-	-
Shear resistance of joint	Maximum force	EN 12317-1	N/50mm	Selvedge	NA	-	-
				End joint	NA	-	-
Flexibility at low temperature	Surface	EN 1109	°C	NA	≤		
	Under surface			-10	≤		
Flow resistance at elevated temperature	New product	EN 1110	°C	90	≥		
	After ageing to EN 1296			100	-	-	
Resistance to impact		EN 12691	mm	NA	≤		
Resistance to static loading		EN 12730 (A)	kg	NA	≥		
Dimensional stability		EN 1107-1	%	0.3	≤		
Form stability under cyclic temperature change		EN 1108	%	NA			

Water vapour transmission properties	New product	EN 1931	-	$\mu=20000$	
	After ageing to EN 1296		-	NA	
Watertightness	New product	EN 1928	-	Pass	<10kPa
	After ageing to EN 1296		-	NA	
Watertightness after stretching at low temperature		EN 13897	%	NA	
Reaction to fire		EN 13501-1	-	NA	
Resistance to root penetration		EN 13948	-	NA	
Dangerous substances consult : http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm		-	-	NA	

NA=Not applicable due to use of product.

NPD=No performance determined.

The manufacturer reserves the right to modify, at any time, the characteristics of this product.

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