



# Technical Data Sheet

## MP947 “Frost Blanket”

**Use:**

Mayplas Frost blanket is a closed cell polyethylene foam for use as a protective layer for newly laid concrete during winter months.

Light weight and water resistant it is easy to use in covering large areas.

Physical Property	Value		Unit	Test Method
Thickness	5	10	mm	-
Roll Width	1500	1200	mm	
Roll Length	75	50	m	-
Roll Area	112.5	60	m <sup>2</sup>	
Nominal Density	30		Kg/m <sup>3</sup>	ASTM D3575-08 Suffix W
Water Absorption	<3		Volume %	-
Compressive Strength				
- 25% (4 <sup>th</sup> Compression)	33		KPa	ISO 3386-1 DIN 53577
- 50% (4 <sup>th</sup> Compression)	99			
- 70% (4 <sup>th</sup> Compression)	230			
Compressive Creep (1.25 psi – 8.75 kg/dm <sup>2</sup> )				
- 1 hour	<2		%	ASTM D3575-08
- 24 hour	<3			
- 168 hour	<7			
Thermal Stability	<2		%	ASTM D3575-08 Suffix S
Tensile Strength @ peak (MD/CD)	300 / 220		Kpa	ASTM D3575-08 Suffix T
Tensile Elongation (MD/CD)	70 / 65		%	ASTM D3575-08 Suffix T
Cell Size	≥ 26		Cells/25mm	BS 443-1
Thermal Conductivity	0.055		W/mK	ASTM C-177
CFC free	Yes		-	-
HCFC free	Yes		-	-

NOTE: the data presented in the table above is for un-fabricated foam product. Whilst values shown are typical of this product they should not be construed as specification for supply purposes.

**Installation:**

Frost Blanket can be rolled to cover newly laid concrete after a standard “going-off” time has elapsed. Where jointing is necessary a minimum overlap of 300mm should be allowed.

The blanket should be secured with bricks or lengths of timber to prevent wind movement.

Where a moisture barrier is required this should be laid to the sub-floor before applying Frost Blanket.

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