

# DATA SHEET



**Technical Properties:** *PLYSOLENE-DPC GR (gas resistant)*

**Construction:** Polymeric co-polymer sheet

*PLYLOAD-DPC GR* (gas resistant) is a high-performance polymeric damp proof course material formulated to exhibit excellent barrier properties to Methane, Carbon Dioxide and Radon. *PLYLOAD-DPC GR* has been independently tested and certified. *PLYLOAD-DPC GR* is tough and very difficult to tear making it the ideal damp proof course material where good physical and chemical properties are required.

**Edition / Date:** 2 / 28-01-2021

Characteristics	Value*	Unit*	Test method*
<b>PHYSICAL PROPERTIES</b>			
Thickness	Nominal 0.8	mm	
Roll length	20	m	
Roll width	100 to 1000	mm	
<b>MECHANICAL PROPERTIES</b>			
Tensile strength	15	Nmm <sup>2</sup>	
Elongation at break	600	%	
Resistance to impact	250	mm	
Nail tear strength	N 260	min	
Water tightness	Pass		
D CO <sup>2</sup>	3.24 x 10 <sup>-7</sup>	cm <sup>2</sup> s <sup>-1</sup>	
Methane permeability	1.16 x 10 <sup>-14</sup>	k	
<b>THERMAL PROPERTIES</b>			
Resistance to low temperature	-40	°C	

\*tested on raw material (natural colour)

This technical data has been developed by Plysolene Ltd in good faith. This data is non-binding and does not represent a material specification or assurance of specific properties. We reserve the right to change or update these specifications at any time.

Further processing and use of the product can have various impacts on the product. Therefore, Plysolene Ltd does not guarantee or warrant for the fitness or suitability of products for any purpose intended by the purchaser or any third person and shall have no liability whatsoever in this respect. The purchaser has the obligation to test the product and determine themselves if the product is fit for the intended use.