



## VP300 Declaration of Performance

11.6.1.b Issue 10

Product Name	<b>VP300</b>
Description	Elite300 is grey in colour on upper and white or grey on lower surface incorporating a microporous film, printed with product branding and batch numbering for identification.
Intended/Type of Use	Vapour permeable membrane for use in roof and wall constructions and within inverted flat roof construction as a water reducing layer.
Manufacturer	Building Product Design Ltd, Plymouth Avenue, Brookhill Industrial Estate, Pinxton, Nottingham, NG16 6NS, United Kingdom
Distributor	Lindab Ltd, Unit 9 & 10 Carousel Way, Riverside Business Park, Northampton, NN3 9HG
System of Assessment	System 3
Performance to hEN	Notified Test Laboratory ID Number 0338 & 1309 have undertaken type testing on the essential requirements listed in the hEN Clause ZA.4
Performance to ETA	ETAG 031 Inverted Roof Insulation Kits

	Essential Characteristics	Declared Performance		hEN
Declared Performance	Weight	125(-9)gsm		EN 13859-1 & 2: 2014 & ETAG 031: 2010 All performances quoted are to the relevant standards contained therein
	Thickness	0.6 (-0.03)		
	Length	50m		
	Width	1500mm and 3000mm (-0.5%/+1.5%)		
	Straightness	Maximum deviation 3mm per 1m		
	Water Resistance unaged	W1		
	Water Resistance aged <sup>1&amp;2</sup>	W1		
	Tensile Strength unaged	MD	CD	
	Tensile Strength aged <sup>1&amp;2</sup>	250(-50) N/50mm	190(-30)N/50mm	
	Elongation unaged	200(-40) N/50mm	160(-30) N/50mm	
Elongation aged <sup>1&amp;2</sup>	70(+20)%	70(+20)%		
	45(-10)%	50(-10)%		
Tear Resistance	150(-50N)	180(-50)N		
Flexibility at low temperature	-40 degrees			
Resistance to penetration of air	0.0m <sup>3</sup> /hr/m <sup>2</sup> @50Pa			
Water Vapour Resistance unaged	≤0.17MNs/g, ≤0.034s <sub>d</sub> (m)			
Reaction to Fire	NPD Class F			
Resistance to water penetration	>200cm		EN ISO 20811	
Resistance to static loading unaged	W1 @ 20kg		Additional requirements of ETAG 031: 2010	
Resistance to static loading aged <sup>2</sup>	W1 @ 20kg			

<sup>1</sup> uv water and heat ageing in accordance with BS EN 13859-1 and ETAG 031

<sup>2</sup> 28 day exposure to aqueous solution of NaCl, Ca(OH)<sub>2</sub> and H<sub>2</sub>SO<sub>3</sub> in accordance with ETAG 031

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer in point 4.

Signed for and on behalf of the manufacturer by:

Name Andy Baptiste  
Position Product Engineer

Date 17.02.2017

Site BPD Hadlow, TN11 9QU