

Declaration of Performance

11.6.21.12 Issue 4

1	Product Name	Protect BarriAir
2	Description	Protect BarriAir is yellow in colour on upper and lower surface incorporating a impermeable coating, printed with product branding and batch numbering for identification.
3	Intended/Type of Use	Impermeable air barrier for use in roof and wall constructions.
4	Manufacturer	Building Product Design Ltd, Plymouth Avenue, Brookhill Industrial Estate, Pinxton, Nottingham, NG16 6NS, United Kingdom
5	Distributor	Richmond Gmbh, 8 Eduard Rhein Strasse, D-53639 Konigswinter, Germany
6	System of Assessment	System 3
7	Performance to hEN	Notified Test Laboratory ID Number 0338 have undertaken type testing on the essential requirements listed in the hEN Clause ZA.4
8	Performance to ETA	Not applicable

9					
		Essential Characteristics	Declared Performance		hEN
	Declared Performance	Weight	100(-2)gsm		EN 13859-1 & 2: 2010/2014 All performances quoted are to the relevant standards contained therein
		Water Resistance unaged	W1		
		Water Resistance aged	W1		
			MD	CD	
		Tensile Strength unaged	180(-10) N/50mm	180(-10)N/50mm	
		Tensile Strength aged	176(-10) N/50mm	154(-10) N/50mm	
		Elongation unaged	80(+20)%	80(+20)%	
		Elongation aged	57(-20)%	53(-20)%	
		Tear Resistance	160(-20N)	160(-20)N	
		Flexibility at low temperature	-40 degrees		
	Resistance to penetration of air	0.0m ³ /hr/m ² @50Pa			
	Water Vapour Resistance unaged	≤95MNs/g, ≤19s _d (m)			
	Reaction to Fire	NPD Class F			
	Resistance to water penetration	>200cm		EN ISO 20811	

10 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:		Date	18.09.2015
Name	Andy Baptiste	Site	BPD Hadlow, TN11 9QU
Position	Product Engineer		