

Declaration of Performance



Kingspan Aquazone®

1000.CPR.2013.Aquazone.003

Unique identification code of the product-type: Aquazone®
 Intended use/es: Water-flow reducing layer for inverted roofs
 Manufacturer: Kingspan Insulation Ltd, Herefordshire HR6 9LA,UK
 System/s of AVCP: System 3
 Harmonised technical specification: EN 13859-1:2010
 Notified body/ies: NB 1686

Essential characteristics	Performance		
Reaction to fire		E	
Water vapour transmission (sd)	Nominal	Min.	Max.
	0.01m	0.003	0.025
Flexibility at low temperature	-40°C (Max.)		
Water tightness	Class W1		
Max. tensile force (MD) Elongation at max. tensile force Maximum tensile force (XD)	Nominal	Min.	Max.
	310 N/50mm	260	360
	17% 310 N/50mm	12% 260	22% 360
Elongation at max. tensile force (XD) Resistance to tearing MD (nail shank) Resistance to tearing XD (nail shank)	20%	14%	26%
	55N	35N	75N
	50N	30N	70N
Artificial ageing by UV and heat	Residual value		
Water tightness	Class W1		
Maximum tensile force in MD	80%		
MD elongation at max. tensile force	70%		
Maximum tensile force in XD	80%		
XD elongation at max. tensile force	70%		

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

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Ralph Mannion
Managing Director UK and Ireland
Pembridge, England, UK
Version 3
Version date 1/1/2019
First signed 1/1/2019

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