



# Declaration of Performance

Kingspan Aquazone®

1000.CPR.2013.Aquazone.007

Unique identification code of the product-type:

**Kingspan 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 (Other Properties)**

Harmonised technical specification:

**EN 13859-1:2010\***

Notified body/ies:

**KIWA GmbH, TBU (NB 0799) / Magistrat der Stadt Wien, Magistratsabteilung 39 (NB 1139)**

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		
Maximum tensile force (MD) Elongation at max. tensile force (MD) Maximum tensile force (XD)	Nominal	Min.	Max.
	310 N/50mm 17.5%	280 15%	340 20%
	310 N/50mm	270	350
Elongation at max. tensile force (XD)	20%	16%	24%
Resistance to tearing MD (nail shank)	50N	37N	65N
Resistance to tearing XD (nail shank)	45N	32N	60N
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%		

Note\* EN 13859-1 "Flexible sheets for waterproofing. Underlays for discontinuous roofing." applications applies also as the content is identical to EN 13859-2 "Flexible sheets for waterproofing. Underlays for walls".

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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**Siobhan O'Dwyer**  
**Managing Director UK and Ireland**  
**Pembridge, England, UK**  
**Version: 007**  
**Date signed: 29/07/2024**



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