



DECLARATION OF PERFORMANCE – Gas Seal HC

1. Unique identification code of the product-type:

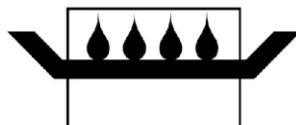
RIW Gas Seal HC

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

See item 1. (stated on packaging and printing of the product)

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Geosynthetic barriers



4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

RIW Ltd, Arc House, Terrace Road South, Binfield, Berkshire, RG42 4PZ
Tel.: 01344 397777
www.riw.co.uk

5. Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not listed

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

2+

7. Declaration of performance concerning a construction product covered by a harmonised standard:

EN 13361, EN 13362, EN 13491, EN 13492, EN 13493, EN 15382:2013, Notified body No. 0799 - KIWA MPA Bautest Greven performed initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued certificate of conformity of the factory production control.





8. Declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not issued

9. Declared performance:

Essential characteristics		Performance			Harmonised technical specification
	Units	Nominal value	Tolerance		
Maximum tensile strength MD / CMD	[N / mm ²]	30 / 30	-3 / -3	- / -	EN ISO 527 - 3
Puncture resistance	[kN]	3,0	- 0,5	-	EN ISO 12236
Water permeability (Permeability to liquids)	[m ³ / (m ² . d)]	1,5 E - 06	-	npd	EN 14150
Gas permeability (Gas tightness)	[mol / (m ² . d)]	4,60 E - 03	-	npd	ASTM D 1434
Resistance					
-Resistance to weathering	-	Strength and elongation - residual values > 75%			EN 12224 – 3000 h
-Resistance to oxidation	-	Strength and elongation - residual values > 75% OIT - residual value >55%			EN 14575 – 85 °C and 90 d
-Stress crack resistance	[h]	Not required			ASTM D 5397 EN 14576

Note: "npd" = no performance determined

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 identified in point 4.

This product does not contain any dangerous substances (according to REACH No. 1907/2006).

Signed for and on behalf of the manufacturer by

Ing. Jiří Hlavatý
Chairman of the board

In Dvůr Králové nad Labem, 12.05.2014



RIW Limited, Arc House, Terrace Road South, Binfield, Berkshire, RG42 4PZ

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