

**DECLARATION OF PERFORMANCE – Cavity Drain R20**

1. Identification code: **High performance damp proof ventilating and drainage sheet and ventilating and draining vapour control layer**
2. Serial number: **Cavity Drain R20**
3. Intended use: **Typically used internally in below ground structures to collect water entering the structure and channel it to a sump or collection point for disposal.**
4. Manufacturer: **RIW Limited, ARC House, Terrace Road South, Binfield, RG42 4PZ**
5. Authorised representative: **Not applicable**
6. Assessment and verification of constancy of performance: **System 2+**
7. Relevant harmonised standard: **EN 13967 : 2012 & EN 13984 : 2013**

**Factory Production Control Certificate Number 1071-CPR-1196/1197**

8. European Technical Assessment: **Not applicable**
9. Declared performance

Essential Characteristics	Performance	Harmonised Standard
Reaction to Fire	Class F	EN 13967 : 2012 EN 13984 : 2013
Tensile strength properties (minimum)		
MD	530 N/50mm	
CMD	500 N/50mm	
Resistance to static loading, $\phi$ tool = 10mm	Pass at 20kg	
Resistance to impact, wtool = 500g (Method A)	Pass at 0.85m	
Resistance to tearing (Minimum)	350N	
Joint strength	35N	
Watertightness: Durability	Pass at 2KPa	
After heat aging	Pass	
After chemical ageing	Pass	
Water vapour resistance: Durability	550m +/- 25%	
After heat ageing	Pass	
Durability against alkali	Pass	
Bitumen compatibility	Degradation of max. 15%	
Dangerous substances	None	
Resistance to deformation under load (Max)	20% at 50 KN/m <sup>2</sup>	

Specific Technical Documentation: **Not applicable**

**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.

Signed for and on behalf of the manufacturer by:  
**Martin Radford (Business Manager)**

