

# PRODUCT PERFORMANCE DECLARATION

## Hydrorock products


Ref. Nr. HR-02.00062019

1.	Unique identifier of the product	Stonewool based water management products	
2.	Anticipated uses	Drainage, buffer, attenuation and infiltration systems of surface water	
3.	Manufacturer finished products Manufacturer stone wool core	Hydrorock International B.V Schiedam (NL) Rockwool B.V. Roermond (NL)	
4.	Authorized representative	Not relevant	
5.	Assessment of performance by	Deltares report # 11200122-000	
6.	Date of issue	Januari, 2019	
7.	<b>Declared Performance</b>		
	<b>Properties</b>	<b>Type</b>	<b>Value</b>
	Average Density D / HD / HDX	Standard	75 / 120/ 160 kg/m <sup>3</sup>
	Maximum Storage Capacity	Standard	97 / 95 / 94 %
	External Load bearing capacity on blocks in vertical direction	directly on stonewool	2 / 7 / 14 ton/m <sup>2</sup>
	Retention Capacity (in air)		94 / 92 / 91 %
	Retention Behaviour in Soil		6 / 0 / 0 %
	Water permeability		2.3·10 <sup>-3</sup> m/s
	Hydraulic Conductivity	Standard	2.3 - 3.0·10 <sup>-3</sup> m/s
	Recycling Content		Up to 98 % (stonewool)
	Impact on environment		None (100% cradle to cradle /recyclable)
<p>The performance of the product(s) identified in points 1 and 2 is in conformity with the assessed performance in point 7, when installed in accordance with the manufacturer's instructions. This Product Performance Declaration is issued under the sole responsibility of the manufacturer identified in point 3.</p>			

Signed for and on behalf of the manufacturer by:

R.M.F. Dirne  
Director  
(Name and function)

Schiedam, Januari 2019  
(Place and date of issue)

  
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(signature)