

Unique identification code of the product type: **SOPRANATURE DRAINAGE 4+1h**

Intended use(s): **Geotextiles and geotextile-related products**

Manufacturer: **Soprema NV
Bouwelven 5 - 2280 Grobbendonk
Belgium**

System(s) of AVCP: **system 2+**

Harmonised standard: **EN 13252: 2016**

Notified body/ies: **0799**

Declared performances

Essential characteristics			Performances		Test standard	Harmonised standard	
Tensile strength:	longitudinal	(kN/m)	9	-1,17	EN ISO 10319	EN 13252: 2016	
	transversal	(kN/m)	10	-1,30			
Elongation at maximum load:	longitudinal	(%)	65	-16,25			
	transversal	(%)	75	-18,75			
Static puncture		(kN)	1,6	-0,16			EN ISO 12236
Dynamic perforation resistance		(mm)	28	+5,6			EN ISO 13433
Characteristic opening size		(µm)	100	+/-30	EN ISO 12956		
Water permeability normal to the plane		(mm/s)	95	+/-30	EN ISO 11058		
Water capacity in the plane		(m ² /s)	6900	-2070	EN ISO 12958		
Durability - weather exposure - predicted to be durable in natural soils with 4 < pH < 9 and soil temperatures of < 25 °C			to be covered within 1 month ≥ 5 years		EN 12224 EN 13252-B		

The performance of the product identified above is in conformity with the set of declared performance/s. 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: **Marnix Derks, Technical Director
Grobbendonk, 23/10/2019**

