

# Declaration of Performance


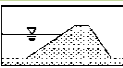

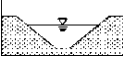



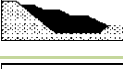


DoP n°: Drefon S 510 - 2016.08.01

## 1. Product Name and 2. Product Type

### Drefon S 510

100% Polypropylene Nonwoven Geotextile

## 3. Intended use

For	Application	Functions	For	Application	Functions
Roads		Filtration Separation	Reservoirs and dams		Filtration Separation Protection
Railways		Filtration Separation	Canals		Filtration Separation Protection
Foundations and walls		Filtration Separation	Tunnels		Protection
Drainage systems		Filtration Separation Drainage	Solid waste disposals		Filtration Separation Protection
Erosion control		Filtration Separation	Liquid waste disposals		Filtration Protection

## 4. Registered trade name

## 5. Contact address



Via Fontoli, 10 - 36020 Valstagna - Italy  
Tel: +39 0424 99896 - Fax: +39 0424 99827  
www.manifatturafontana.net

## 6. AVCP

System 2+

## 7. Notified body

1213

EN 13249:2015	EN 13250:2015	EN 13251:2015	EN 13252:2015	EN 13253:2015
EN 13254:2015	EN 13255:2015	EN 13256:2015	EN 13257:2015	EN 13265:2015

**Notified body SKZ – TeConA GmbH (identification no. 1213) performed the initial inspection of the manufacturing plant and of factory production control (FPC) and the continuous surveillance, assessment and evaluation of FPC and issued the certificate of conformity of the FPC n° 3243.**

## 8. Declared performance

Essential characteristics	Performance				Standard	Harmonised Technical Specifications
		Mean value	Tolerance			
Tensile strength	CMD	38 kN/m	-4,5	kN/m	EN ISO 10319	EN 13249:2015
	MD	36 kN/m	-4,2	kN/m		
Elongation at maximum load	CMD	90 %	± 18	%	EN ISO 10319	EN 13250:2015
	MD	90 %	± 18	%		
Static puncture (CBR test)		6500 N	-650	N	EN ISO 12236	EN 13251:2015
Dynamic perforation (Cone drop test)		5 mm	2	mm	EN ISO 13433	EN 13252:2015
Pyramid Puncture		520 N	-50	N	EN 14574	EN 13253:2015
Characteristic opening size		70 µm	± 20	µm	EN ISO 12956	EN 13254:2015
Water permeability normal to the plane		33 l/(s m <sup>2</sup> )	-11	l/(s m <sup>2</sup> )	EN ISO 11058	EN 13255:2015
Water flow in the plane	20 kPa, i=1	10 *10 <sup>-6</sup> m <sup>2</sup> /s	-4	*10 <sup>-6</sup> m <sup>2</sup> /s	EN ISO 12958	EN 13256:2015
Weathering resistance	To be covered within 1 month after installation				EN 12224	EN 13257:2015
Oxidation resistance	Durable in natural soil with pH < 4 or > 9 and soil temperature > 25 °C for a minimum of 100 year service life (EN 12225 e EN 14030 A/B)				EN ISO 13438 met A	EN 13265:2015
Dangerous substances	Less than required by national regulations in EU Member States					

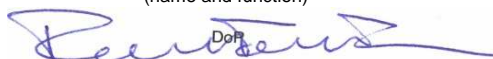
## 9. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. 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:

Francesco Fontana - Sole administrator  
(name and function)

Valstagna, 01.08.2016  
(place and date of issue)

  
(signature)