

1. Unique identification code of the product type:

VOLTEX DS



2. Intended use:

as a fluid barrier for use in: construction of tunnels and underground structures

3. Manufacturer:

CETCO Poland, Cetco Sp z o.o. S.K.A

Korpele 13A-Strefa; 12-100 Szczytno, Polska

Phone: +48 89 624 7300; Fax: +48 89 624 7301; e-mail: biuro@mineralstech.com

4. Authorised representative: **N/A**

5. System of AVCP: **System 2+**

6a. Harmonised standard: **EN 13491:2004 with the amendments: EN 13491:2004/A1:2006**

Notified body: **Instytut Techniki Budowlanej – identification no. 1488**

7. Declared performances:

ESSENTIAL CHARACTERISTICS	PERFORMANCE		TEST STANDARD	HARMONISED TECHNICAL SPECIFICATIONS
	MEAN VALUE	TOLERANCE		
Tensile strength MD	11.0 kN/m	-1.0 kN/m	EN ISO 10319	EN 13491:2004 with the amendments EN 13491:2004/A1:2006
Tensile strength CMD	11.0 kN/m	-1.0 kN/m	EN ISO 10319	
Static puncture resistance	2.0 kN	- 0.2 kN	EN ISO 12236	
Water permeability	N/A	N/A	ASTM 5887	
Durability (Annex B)	Predicted to be durable for a minimum of 25 years in natural soils with 4<pH<9 and soil temperature <25°C			

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **N/A**

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:
Łukasz Mikoda
at Wrocław on 04.10.2019 r.