

1. Unique identification code of the product type:

VOLTEX



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; FPC 1488-CPR-0030/Z**
7. Declared performances:

ESSENTIAL CHARACTERISTICS	PERFORMANCE		TEST STANDARD	HARMONISED TECHNICAL SPECIFICATIONS
	MEAN VALUE	TOLERANCE		
Tensile strength MD	10,0 kN/m	-2,0 kN/m	EN ISO 10319	EN 13491:2004 with the amendments EN 13491:2004/A1:2006
Tensile strength CMD	10,0 kN/m	-2,0 kN/m	EN ISO 10319	
Static puncture resistance	1,8 kN	- 0,3 kN	EN ISO 12236	
Index Flux	2,0×10 ⁻⁰⁹ (m ³ /m ²)/s	+0,5×10 ⁻⁰⁹ (m ³ /m ²)/s	ASTM 5887/ EN 16416	
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 03.01.2022 r., version 3