



DECLARATION OF CONFORMITY

VOLTEX

WMWAHS450TAC

Geosynthetic Clay Barrier (GBR-C)
Intended use: Fluid barrier

MANUFACTURED BY:
CETCO-POLAND, Cetco Sp. z o.o. S.K.A.,
Korpele 13a – Strefa,
12-100 Szczytno, Poland

Clay Geosynthetic Barrier for use : as a fluid barrier in the construction of tunnels and underground structures

Product characteristics:

Tensile strength (EN ISO 10319):

Minimum average:

MD 8,0kN/m

CMD 8,0kN/m

Average minus tolerance at 95% confidence level:

MD 11,0kN/m - 0,1kN/m

CMD 11,7kN/m - 0,1 kN/m

Resistance to static puncture (EN ISO 12236):

Minimum average:

1,5kN

Average minus tolerance at 95% confidence level:

2,2kN-0,1kN

Water permeability (ASTM D 5887):

$2,0 \times 10^{-09} \text{m}^3/\text{m}^2 \text{xs}^{-1}$

Oxidation (EN ISO 13438):

Min 75% initial strength

This product conforms to:

Construction Products Directive – Council Directive 89/106/EEC
EN 13491

APPROVED BODY:

Instytut Techniki Budowlanej, ul. Filtrowa 1, 00-811 Warsaw, Poland
Factory Production Control Certificate number: 1488 – CPD – 0030

Authorised Person: **Laboratory Manager Piotr Wojewoda**

CETCO - Poland
LABORATORY MANAGER
Piotr Wojewoda
Piotr Wojewoda

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