



Preassembled drainage line unit DRENOTUBE

DETERMINATION OF COMPRESSIVE PROPERTIES after a HYDROLYSIS AGEING

AITEX n° 2010GT0207

The purpose of this test is to determine the variation in compression properties of the drainage geocomposite DRENOTUBE®, after an hydrolysis ageing. For this purpose, the results of compressive properties obtained from original samples (as 2010GT0206 report issued by AITEX), are compared with the obtained results of compressive properties of previously aged samples. The ageing that has been applied to the samples has been 60°, 70° and 80° C for 28 days each one.

Test Results:

Variation of compressive deformation to 6 KN (%) between original samples and hydrolysis aged samples was found less than 1% (80°C) at 60°/70° and 80°C

Variation of compressive deformation to 10 KN (%) between original samples and hydrolysis aged samples was found less than 4,5% (80°C) at 60°/70° and 80°C

Preassembled drainage line unit DRENOTUBE

DETERMINATION OF COMPRESSIVE PROPERTIES after a MICROBIOLOGICAL AGEING **AITEX n° 2012GT0052**

The purpose of this test is to determine the variation in compression properties of the drainage geocomposite DRENOTUBE®, after a microbiological ageing by soil burial. For this purpose, the results of compressive properties obtained from original samples, are compared with the obtained results of compressive properties of previously aged samples.

Exposure time: 16 weeks T^a / Temperature: 26 ± 1°C H.R / Relative humidity: 95 ± 5%

Test results:

Variation of compressive deformation to 6 KN (%) between original samples and microbiological aged samples: 1,09%

Variation of compressive deformation to 10 KN (%) between original samples and microbiological aged samples: -2,06%