

Certificate





ISO 9001 Certified Company approved by Bureau Veritas.



Testing:

Waterproofing of the Rivestop after Ageing in Chemical Agent (pH=4.0-4.3) at a pressure of 20 meters of water column (mWc)

Sample details

Identification

Rivestop OF2012-191 Batch 11015

Description

Rivestop

Code

Rubbers and derivatives JABE, SL CIF No. B20424040 Commercial Registry Gipuzkoa Document 1/1998/4376 Journal 56 Entry 3827 Book 1181 Folio 58 Page ss-361

12-4677-395 Receiving the sample

Required testing

Testing

Waterproofing after ageing at chemical agent (pH=4.0-4.3)

Testing Laboratory:



Lab Report No.

12-5395-1293

Result:

OK, No leaks

Methodology

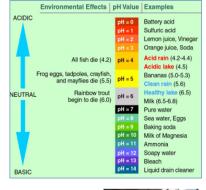
Without expanding, samples undergo ageing in acid solution which comprises subjecting test-tubes to 50 cycles mingling moisture and dryness of 24-hour periods, each of which comprise:

The ends of the surface of the test-tubes are soaked for 5 hours at room temperature with a solution that stimulates acid rain, preparing a mixture of 1 part of nitric acid with 2 parts of sulfuric acid in volume until it reaches a <u>pH</u> <u>between 4.0 and 4.3</u>. The acidic solution is





poured onto the test-tubes for 10 hours at room temperature and afterwards drained. They left to dry for 2 hours at room temperature. After these cycles of ageing, the test-tubes are installed in the concrete substrates at room temperature. After installation, the test-tubes are stabilized for 24 hours at 23°C and 50% RH



before testing for leaks. In order to perform this second trial of testing, prior hydraulic Assembly is carried out which allows testing 6 test-tubes simultaneously. The testing device is

programmed to perform the testing of sealing pressure of 2bar (0. 20MPa) for 24 hours at a temperature of 10°.

The testing equipment for waterproofing

used are the following: Climatic Chamber Thermotron with certified calibration 10/34513341 of the 20-9-2010 Pattern Measure of Pressure: Telegan Pres-



sure Transducer XMLP010BC71V certified 12/34508029 of the 27-3-2012



Certificate Date: 02-14-2017

