



TECHNICAL REPORT

**Test method for discontinuously
laid bituminous roof covering
products – Determination of
watertightness**

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Foreword

EOTA Technical Reports are developed as supporting reference documents to European Technical Approval Guidelines (ETAG) and can also be applicable to a Common Understanding of Assessment Procedures (CUAP), an EOTA Comprehension Document or an European Technical Approval, as far as reference is made therein.

EOTA Technical Reports go into detail in some aspects and express the common understanding of existing knowledge and experience of the EOTA Bodies at a particular point in time.

Where knowledge and experience is developing, especially through approval work, such reports can be amended and supplemented.

When this happens, the effect of the changes upon the European Technical Approval Guidelines will be laid down in the relevant Comprehension Documents, unless the European Technical Approval Guideline is revised.

This document was developed by the Belgian Building Research Institute, BBRI.

1. Scope

This technical report specifies a method that enables the user to determine the watertightness of discontinuously laid bituminous roof covering products.

2. Test method

Five test specimen of (150 ± 5) mm x (150 ± 5) mm shall be cut from five different tiles. A stainless steel cylinder with a diameter of (100 ± 1) mm shall be placed on each of the test specimen. The joint between cylinder and tile shall be sealed with watertight silicon sealant on the inside of the cylinder (see figure 3).

Demineralised water shall be poured into this cylinder to a height of (100 ± 5) mm above the surface of the test specimen.

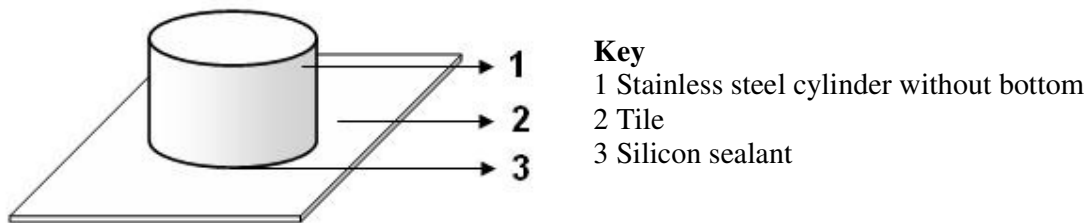


Figure 1 — Top side of corrugated bitumen tile

The test specimen shall be left for (48 ± 2) h in laboratory conditions, temperature (23 ± 3) °C after which the underside of the test specimen shall be examined visually to see if there is any water penetration.

3. Test report

The test report shall contain the following information:

- a) number, title and publication date of this standard
- b) name and address of the laboratory that did the tests and the name and address of the laboratory that prepared the samples (if these are different)
- c) identification number of the test report
- d) name and address of the manufacturer or supplier of the product
- e) name and the identifier or batch number of the product
- f) date the product was produced
- g) sampling method and the body that performed it
- h) location, date and time of the sampling
- i) identification of the corrugated bituminous tile samples
- j) age of the mortar at the time of the test;
- l) test date
- n) test results
- o) comments, if any
- p) date of the test report and signature.