

Approval & Reception Procedure

DMC – Departamento de Materiais de Construção	
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1. Reference Standard

BS EN 963: 1995

2. Approval Procedure

The manufacturer's catalogue and technical specifications shall be submitted.

For approval of the proposed materials, the project specification should be considered.

3. Reception Procedure

Submission of documents

Manufacturer's certificate of origin, quality and quantity should be submitted.

4. Inspection of lot

For geotextile in the same type, grade and dimensions, as well as delivered at the same time for inspection, the recommended sampling frequency of it (the geotextile) is as follows:

Quantity of product type	Minimum number of samples to be taken
Less than 5 000 m ²	1
From 5 000 to 20 000 m ²	1 every 5 000 m ²
More than 20 000 m ²	4 + 1 every 10 000 m ² for the part exceeding 20 000 m ²

Sample size: 1 m in roll length by the whole roll width.

The first two turns of the roll shall not be used for sampling.

Test shall be done on the collected sample

- 1) mass per unit area;
- 2) wide width strip tensile;
- 3) CBR puncture resistance;
- 4) grab breaking load and elongation of geotextiles (if necessary);

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- 5) trapezoid tearing strength of geotextiles (if necessary);
- 6) pore size (if necessary);
- 7) permeability (if necessary).

5. Acceptance Criteria

The test result shall conform to the catalogued properties.

If one sample fails to comply with the requirements of the standard, double number of additional samples shall be collected from same lot.

If those additional samples pass, the lot complies, if one fails, the lot does not comply with the standard.