

Approval & Reception Procedure

DMC – Departamento de Materiais de Construção	
Precast Concrete Kerbs	Document No. ARP/DMC/09
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1. Reference Standard

The reference standards include Macau Standard for Concrete, Decreto-Lei 42/97/M & BS 7263-1:1994.

2. Approval Procedure

The manufacturer's catalogue and 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

A lot is a set not greater than 1000 pieces from the same manufacturer, type, class and dimensions, presented simultaneously for inspection. For sampling a lot, it is considered to be divided into three equal parts. In each part a kerb is selected, with a total of three pieces per lot.

Compression test and water absorption test shall be applied to the collected samples.

5. Acceptance Criteria

No kerb shall have a compressive strength less than the specified value.

No kerb shall have water absorption greater than 3.0%.

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

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