

Strength of Casting Plate.

Task reference: 124-23755

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Subject:

To submit a Casting Plate to a load.

Samples

Two Casting plates of PP polymer. No 63412021.
21 mm x 2.000 mm x 500 mm

Applied methods.

A load equaling 300 mm concrete is loaded onto
a supported Casting plate.

The support tubes are 60 x 60 mm. and the
distance between them is 300 mm.

The bending in the middle arc is measured with a Dial Gauge and a Caliper.

The test is performed at room temperature.



Equipment

Dial Gauge S00517.

Caliper S00017.

Result

The loading caused an instant bending of 0,72 mm.

Over a period of 24 hours the bending increased with 0,04 mm.

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Test setup.

The distance from floor to underside of Casting plate is measured with a Caliper. The creep bending is measured on the top side of the plate with a Dial Gauge.

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