

IMPACT RESISTANCE TEST FOR CERAMIC TILES

Instrument for the determination of the resistance to the impact of the ceramic tiles according to **UNI EN ISO 10545-5** standard.

Determination of the coefficient of restitution by dropping a steel ball from a fixed height onto the test specimen and measuring the height of rebound.

(The coefficient of restitution for two impacting bodies, is defined as the ratio between the relative speed of departure and the one of approach.)



Technical Specifications:

- ◆ Epoxy powder painted steel structure
- ◆ Chrome steel Ball, 19mm diameter (± 0.05 mm)
- ◆ Plexiglas pipe
- ◆ Microphone to measure the rebound
- ◆ Thermal printer
- ◆ Supply: 240V, 50/60Hz

Supplied complete with 1 set of 5 blocks for calibration.

When making tests according to the ISO Standard it is advisable to have a set of blocks for the calibration due to the possible damage of the tile surface at the impact of the steel ball.

It is unusual to be able to use a calibration tile more than once

Technical specifications: <ul style="list-style-type: none"> • .Construction all stainless steel AISI-304 • .Chrome steel ball $\varnothing 19 \pm 0,05$ mm • .Microphone for measuring the rebound • Thermal printer • .Supply: 240 V—50/60 Hz single phase 	Equipment: supplied as standard. n° 5 blocks for instrument calibration Accessories / Spare parts: <ul style="list-style-type: none"> • GT0807 n° 5 blocks for instrument calibration • GT1168 Pack of 20 paper rolls for thermal printer
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Code	Model	Overall dimensions	Power	Weight
GT0806	Impact Test	500 x 550 x 1600mm	55W	50kg