



CODE GT1736
 MODEL THERMAL SHOCK-650
 OVERALL DIMENSION . . 850x400x1000 mm
 USEFULL DIMENSION . . 650x650 mm
 WEIGHT 50 kg

CODE GT0831
 MODEL THERMAL SHOCK-800
 OVERALL DIMENSION . . 1000x400x1150 mm
 USEFULL DIMENSION . . 800x800 mm
 WEIGHT 70 kg

CODE GT1737
 MODEL THERMAL SHOCK-950
 USEFULL DIMENSION . . 950x950 mm
 WEIGHT 95 kg

CODE GT1900
 MODEL THERMAL SHOCK-650x1250
 OVERALL DIMENSION . . 1510x440x920 mm
 USEFULL DIMENSION . . 650x1250 mm
 WEIGHT 90 kg



CODE GT0832
 MODEL THERMAL W - 700
 OVERALL DIMENSION . . 770x770x240 mm
 USEFULL DIMENSION . . 700x700 mm
 WEIGHT 25 kg



CODE GT1768
 MODEL THERMAL W - 1200
 OVERALL DIMENSION . . 1400x1220x350 mm
 USEFULL DIMENSION . . 1200x1000 mm
 WEIGHT 60 Kg

THERMAL SHOCK TANK

STANDARDS

UNI EN ISO 10545 - 9

DESCRIPTION

Determination of resistance to thermal shock on ceramic tiles:

THERMAL:

If the glazed tiles are showing an absorption coefficient $\leq 10\%$ (m/m) must be immersed in a tank "THERMAL" with a water flow of 4 lt/min and a temperature of $15 \pm 5^\circ\text{C}$, with a sufficient dept to allow the tiles to be placed vertically, immersed and so that are not in contact with each other.

THERMAL-W:

If the glazed tiles are showing an absorption coefficient $>10\%$ (m/m) must be use the tank "THERMAL-W". An aluminium plate of # 5 mm must to be put in the tank. The aluminium plate must have the lower flat surfaces to stay in con tact with a water flow of 4 lt/min. while the upper surface must stay covered with a layer of 5 mm thickness of aluminium grains (diameter from 0,3 up to 0,6 mm) onto which the tile must lay with it's glazed face towards the grains. The temperature must be kept to $15 \pm 5^\circ\text{C}$. For both testings: after the tiles have been for 5 min. at low temperature, take them immediately into an oven with temperature $145 \pm 5^\circ\text{C}$ and then just repeat the test. The above procedure has to be carried out for 10 times.

TECHNICAL SPECIFICATIONS

- Tank supplied with tap and water flow meter
- Aluminium plate and grains (THERMAL-W)
- Holder tiles basket (THERMAL)

EQUIPMENT

- Stainless steel basket to hold the tiles (THERMAL).
- Aluminium plate with 2 kg of aluminium grains (THERMAL-W)

ACCESSORIES AND SPARE PARTS

GT0833	Packing of 2 kg aluminium grains
GT1566	Chiller