

## CHEMICAL RESISTANCE TESTING

### APPARATUS FOR DETERMINING CHEMICAL RESISTANCE

Suitable for testing both glazed floor and wall tiles in accordance with UNI EN ISO 10545-13 norm.

This standard comprises subjecting the glazed surface to the corrosive action of trial chemical solutions for several hours or days and then examining any visible variations. It comprises a gasket, a scaled beaker with shallow funnel and counterweight.

**Product Code:** 01CI0250

#### Spare Parts / Accessories:

|                 |            |
|-----------------|------------|
| Rubber Seal     | 01CI0250/A |
| Graduated Glass | 01CI0250/B |
| Counterweight   | 01CI0250/C |
| Rubber Plug     | 01CI0250/D |



#### Chemical Resistance accessories kit for GLAZED tiles.

Chemical resistance test kit for unglazed tiles according to UNI EN ISO 10545-13 standard.

The test specimen are subjected to the direct action of the chemical agents below. The results, visually checked, are determined by the time the reagents are on the tiles.

To fully complete the test, the following items are also required:

1 tile cutter, 1 table light with lamp, 1 luxmeter, 1 drying oven.

Kit comprises:

- 1,000ml Hydrochloric acid 3% (v/v)
- 1,000ml Hydrochloric acid 18% (v/v)
- 1,000ml Citric acid (100 g/l)
- 1,000ml Lactic acid 5% (v/v)
- 1,000ml Ammonium Chloride (100 g/l)
- 1,000ml Sodium Hypochlorite (20 g/l)
- 1,000ml Potassium Hydroxide (30 g/l)
- 1,000ml Potassium Hydroxide (100 g/l)
- 1,000ml Acetone (grease solvent)
- 1 cotton cloth
- 1 pencil HB hardness

**Product Code:** 01CI0251

#### Chemical Resistance accessories kit for UNGLAZED tiles.

Chemical resistance test kit for unglazed tiles according to UNI EN ISO 10545-13 standard.

The test specimen are subjected to the direct action of the chemical agents below. The results, visually checked, are determined by the time the reagents are on the tiles.

To fully complete the test, the following items are also required:

1 tile cutter, 1 table light with lamp, 1 luxmeter, 1 drying oven, 1 electronic balance (readability 0.05g), 1 container for washing in running water, 1 specimen boiler

Kit comprises:

- 1,000ml Hydrochloric acid 3% (v/v)
- 1,000ml Hydrochloric acid 18% (v/v)
- 1,000ml Citric acid (100 g/l)
- 1,000ml Lactic acid 5% (v/v)
- 1,000ml Ammonium Chloride (100 g/l)
- 1,000ml Sodium Hypochlorite (20 g/l)
- 1,000ml Potassium Hydroxide (30 g/l)
- 1,000ml Potassium Hydroxide (100 g/l)
- 1,000ml Acetone (grease solvent)
- 1 chamois leather
- 10 plastic boxes with covers, each to contain 5 sample tiles of 50mm x 50mm

**Product Code:** 01CI0252