Höganäs
Céramiques France S.A.S.

| Technical data sheet |
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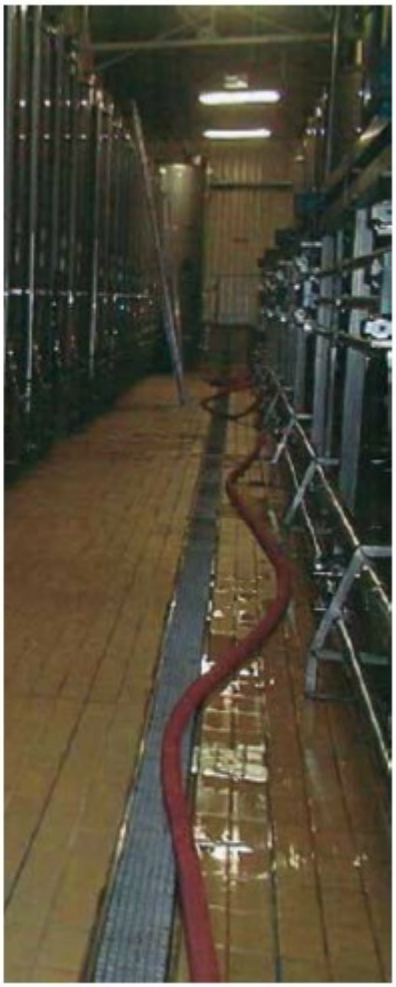
| N° CD-B19005 |
| March 2023 |

# Antiacid tile for industrial floor
# Range 1050 Pressed and 1850 Pressed



CE

YELLOW

LIGHT GREY

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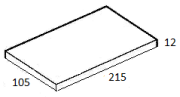
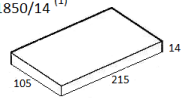
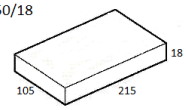
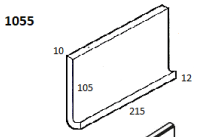
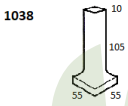
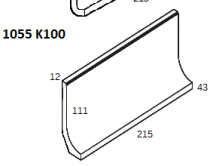
## Asortment :

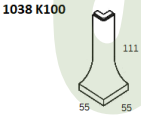
| Dimensions in mm : | 1050/12 (1) | 1050/14 (1)<br>1850/14 (1) | 1050/18<br>1850/18 |
|---|---|---|---|
| |  |  |  |
| Color : | Yellow, light grey | Yellow, light grey | Yellow, light grey |
| Pces / m² : | 40 | 40 | 40 |
| Pces / m : | - | - | - |
| Weight : kg / pce : | 0,63 | 0.73 | 0,95 |
| Weight : kg / m² : | 25 | 29 | 38 |

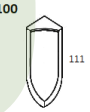
(1) reference available on request






## Description of the product :

Vitrify stonewares, based on selected pulverized dry clay, are dry press in steel mold and are fired at high temperature. After firing at high temperature, a compact mass is obtained with high resistance to mechanical and thermal shocks. Antiacid stoneware tiles are available with smooth and anti-slip surfaces:

- The 1050 with a smooth R10 surface,
- The 1850 with an incorporation of hard grains that give a rough, anti-slip R11 surface.

## Application:

Due to their high resistance to chemical products (acids, bases, ...), the 1050 and 1850 tiles are designed for the realization of industrial floor and wall coverings.

Due to their very high resistance to mechanical and thermal shocks, as well as their low water absorption, these tiles are particularly suitable for food processing industries (dairies, cheese factories, canneries, breweries, etc...). With their high resistance to usury and their easy maintenance, they are also designed to be applied in highly stressed buildings. For more information, please refer to our *Floor Recommendation Guide.*

## Selection and control:

Tiles 1050 and 1850 are only delivered as first choice. The format, parallelism, flatness and straightness of the edges are subject to a strict factory control. The values determined by EN 14411 may not be exceeded. A certain tolerance is allowed for colour shading.

Water absorption as well as other physical and mechanical characteristics are regularly checked.

## Frost resistance:

Tiles 1050 and 1850 are frost resistant. For outdoor installation (uncovered terraces, etc...) we recommend the installation of a drainage layer.

## Other information:

For the laying of the tiles, please refer to our technical documentations Methods of laying. To maximise the life of your tile coverings, we recommend the use of our complete range of antacid mortars, specially designed to fulfil your needs.

## Delivery:

Höganäs tiles are delivered from our warehouse in Rochetoirin or by truck directly from the factory.

| Technical description according to EN14411 - Class Bla | Standards | Requirements | Results |
|---|---|---|---|
| **Water absorption** | ISO 10545-3 | < 0.5 % | ≤ 0.5% |
| **Breaking strength** | ISO 10545-4 | S ≥ 1300 N | > 3000 N (12 mm)<br>> 5000 N (18 mm) |
| **Modulus of rupture** | ISO 10545-4 | R ≥ 35 MPa | ≥ 35 MPa |
| **Resistance to deep abrasion** | ISO 10545-6 | ≤ 175 $mm^3$ | < 170 $mm^3$ |
| **Frost resistance** | ISO 10545-12 | Required | Warranty |
| **Resistance to acids and alkaline** | ISO 10545-13 | - | UHA |
| **Resistance to cleaning products for home and cleaning products for swimming-pool** | ISO 10545-13 | GB | UA |
| **Anti-slip classification** | DIN 51130<br>DIN 51130 | - 1050<br>- 1850 | R10<br>R11 |

The information contained in this sheet is for information purposes only. The information provided is based on our current knowledge. It is the responsibility of the user to check that this sheet is the most recent. As we have no influence on the use of our products or the laying conditions specific to each construction site, we cannot be held responsible for the final result or any other indirect consequences.

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