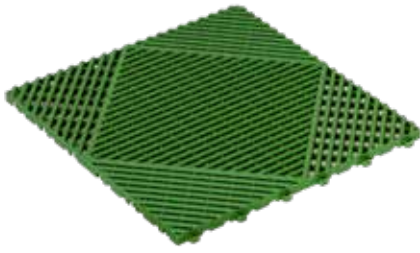


DRAINING TILE



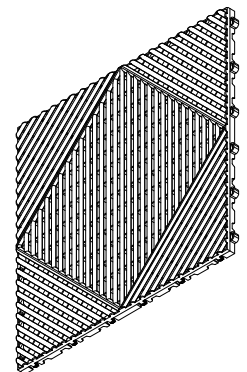
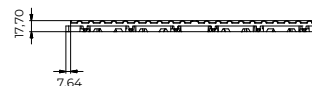
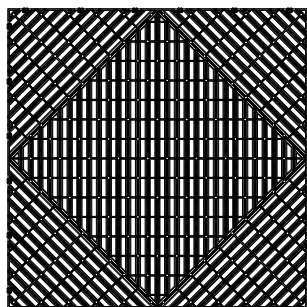
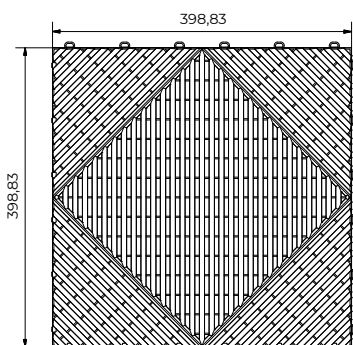
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1. CODE REGISTRY

| Code | Description | Measure (m) | Poids (kg) | Pkg. / Pallet |
|--------------|---|-------------------|--------------|------------------------|
| GAR01-0015R | Drining Tile - Red | 400 x 400 - h. 18 | 0,50 kg/pcs. | 6 pcs. / 324 pcs. |
| GAR01-0015V | Drining Tile - Green | 400 x 400 - h. 18 | 0,50 kg/pcs. | 6 pcs. / 324 pcs. |
| GAR01-0015GC | Drining Tile - Grey | 400 x 400 - h. 18 | 0,50 kg/pcs. | 6 pcs. / 324 pcs. |
| GAR01-0030R | Female coupling ramp for drainage tile - Red | 400 x 60 h. 18 | 0,069 | 25 pcs. / 1.575 pcs. |
| GAR01-0030V | Female coupling ramp for draining tile - Green | 400 x 60 h. 18 | 0,069 | 25 pcs. / 1.575 pcs. |
| GAR01-0030GC | Female coupling ramp for draining tile - Gray | 400 x 60 h. 18 | 0,069 | 25 pcs. / 1.575 pcs. |
| GAR01-0031R | Male coupling ramp for draining tile - Red | 400 x 60 h. 18 | 0,067 | 25 pcs. / 1.575 pcs. |
| GAR01-0031V | Male coupling ramp for draining tile - Green | 400 x 60 h. 18 | 0,067 | 25 pcs. / 1.575 pcs. |
| GAR01-0031GC | Male docking ramp for draining tile - Gray | 400 x 60 h. 18 | 0,067 | 25 pcs. / 1.575 pcs. |
| GAR01-0032R | Male-female hooking angle for draining tile - Red | 60 x 60 h. 18 | 0,004 | 100 pcs. / 14.400 pcs. |
| GAR01-0032V | Male-female hooking angle for draining tile - Green | 60 x 60 h. 18 | 0,004 | 100 pcs. / 14.400 pcs. |
| GAR01-0032GC | Male-female hooking angle for draining tile - Gray | 60 x 60 h. 18 | 0,004 | 100 pcs. / 14.400 pcs. |
| GAR01-0033R | Female-female hooking angle for draining tile - Red | 60x60 h18 | 0,005 | 100 pcs. / 14.400 pcs. |
| GAR01-0033V | Female-female hooking angle for draining tile - Green | 60x60 h18 | 0,005 | 100 pcs. / 14.400 pcs. |
| GAR01-0033GC | Female-female hooking angle for draining tile - Gray | 60x60 h18 | 0,005 | 100 pcs. / 14.400 pcs. |

MATERIAL Made of PP (polypropylene).



DRAINING TILE

2. DESCRIPTION

PP garden drainage tile, color green, red and gray. Interlocking modular element measures 400 x 400 x 18 mm. Its accessories enable the perfectly functional installation of drainage tiles and realize their aesthetic completeness.

3. USE

For both indoor and outdoor alternative uses.
For terraces, conservatories and spa areas.
For grassy or screeded surfaces intended for garden furniture, play activities and/or walkways.

4. ACCESSORIES

These accessories are the perfect complement for the drain tile to ensure a perfect side finish. Ramps and corners have a modular interlocking system that is divided into 2 different types/each:

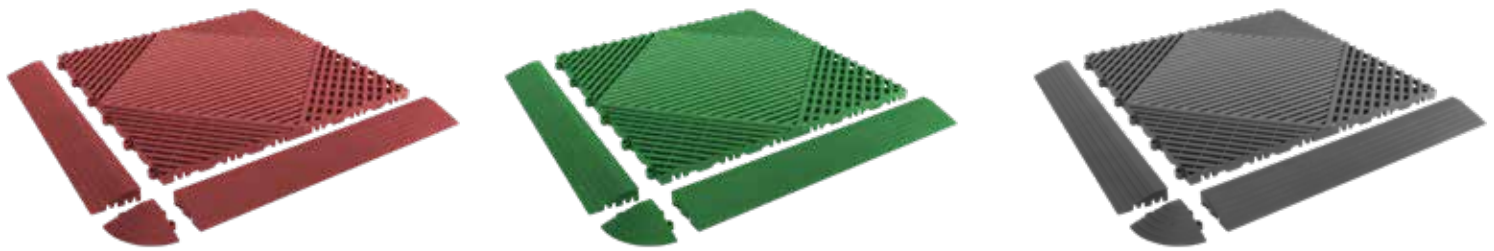
- Female docking ramp
- Male dockinghooking+ ramp
- Female hooked corner and one smooth side
- Corner with double female hooking on both sides
-

Angles are sold in bags of 10 pieces/cad.

Both ramps and corners are made of PP (polypropylene).

Ramps and corners can be matched together, and the very simple hooking system ensures quick placement and use.

These products are perfect where there is a need to create a stable, removable outdoor pavement for use in residential areas or gardens intended for garden furniture and/or recreation and/or walkways.



Female hooking ramp



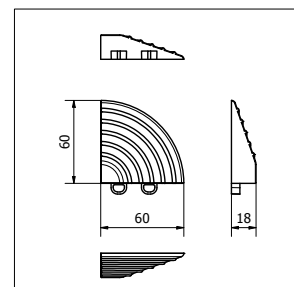
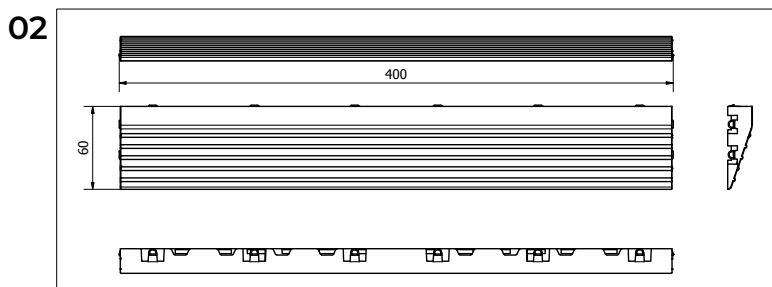
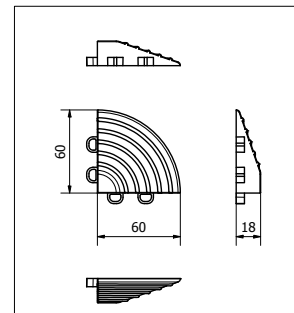
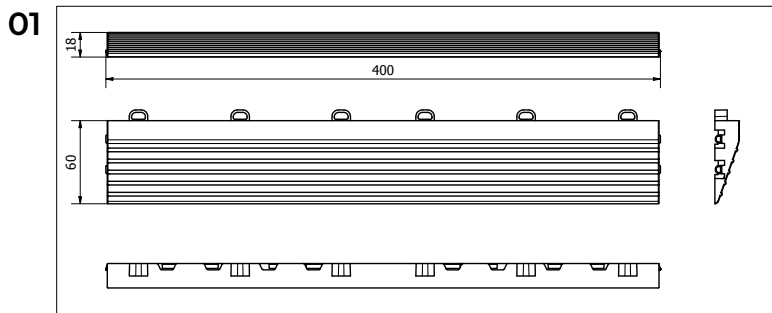
Male hooking ramp



Female hooking angle



Female-female hooking angle



DRAINING TILE

5. TECHNICAL DATA

ASSESSMENT OF STATIC ELECTRICAL PROPENSITY – WALKING TEST

Test conditions:

According to EN 1815

Testing atmosphere: Standard condition

Base plate: > 109 Ω rubber mat on metal plate

Sole-material: rubber

Test results

| Body-voltage [kV] | | | |
|-------------------|--------|--------|------------|
| TEST 1 | TEST 2 | TEST 3 | Mean value |
| - 0,9 | - 1,0 | - 0,9 | - 0,9 |

Classification

By walking over this floor covering no disturbing electric charges will occur, even not by disadvantageous room-climates.

This floor covering can be classified as antistatic.

Measurement of dynamic coefficient of friction on dry floor surfaces

Number of measurements: 5 each, evaluation is taken only from measurements 3-5

Testing atmosphere: Standard condition

Deviation from the standard: Because of the dimensions of the specimen the test was only done in one direction.

Test results

| Measure | Dynamic coefficient of friction [μ] | |
|-------------------|-------------------------------------|------|
| | Dry | Wet |
| 3 | 0,55 | 0,41 |
| 4 | 0,56 | 0,41 |
| 5 | 0,55 | 0,39 |
| Mean value | 0,55 | 0,40 |

Diagram dry

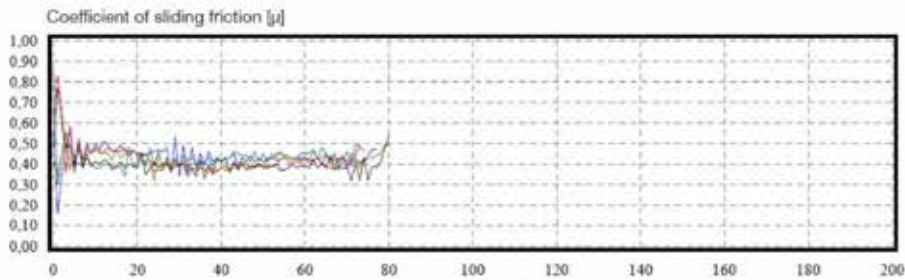
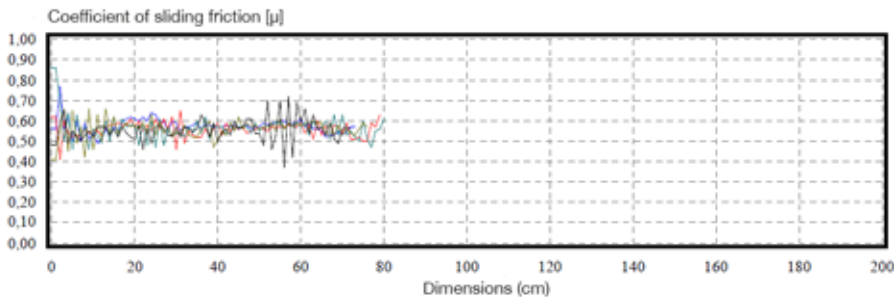


Diagram wet



DRAINING TILE

Assesment

| Rating scheme according to NORM Z 1261 (07/2009) | | |
|--|-------------------------------------|---|
| Classification | Dynamic coefficient of friction [μ] | Assesment |
| I | ≥ 0,45 | The walkable surface shows sufficient anti-slip properties without further measures. |
| II | 0,30 - 0,44 | Useable as anti-slip without further measures, depending of environmental terms (climate, etc...) |
| III | < 0,30 | The walkable surface provides no sufficient protection against slip, therefor it is to classify as accident relevant. |

Determination of colour-fastness to artificial light

Numero di misure: 5 ciascuna, la valutazione è fatta solo dalle misure 3-5
 Atmosfera di prova: Condizioni standard
 Deviazione dallo standard: A causa delle dimensioni del provino, la prova è stata eseguita solo in una direzione.

Determinazione della resistenza del colore alla luce artificiale

Test results

Test conditions:
 According to EN ISO 105-B02
 Test equipment: Xenotest 150 S+
 Exposure method: method 2
 Kind of motion: Clocking
 Effective humidity: 40
 Max. temperature of the black-panel-thermometer: 45 °C

Test results

| Tested sample | Light-fastness |
|---------------|----------------|
| 1 | > 7 |
| 2 | > 7 |
| 3 | > 7 |
| 4 | > 7 |
| 5 | > 7 |
| 6 | > 7 |
| 7 | > 7 |

Determination of colour-fastness and ageing to artificial light at high temperatures (Xenon arc fading lamp test)

Test conditions:
 According to EN ISO 105-B06
 Test equipment: Xenotest Beta LM (STFI)
 Filtration system: Xenochrom 320
 Temperature of the black-panel-thermometer: (100 ° ± 1) °C Temperature in test chamber: (65 ± 2) °C
 Expose rate: 60 W/m2 (measured at (300-400) nm)

Test results

| Tested sample | Classification |
|---------------|----------------|
| 1 | > 7 |
| 2 | > 7 |
| 3 | > 7 |
| 4 | > 7 |
| 5 | > 7 |
| 6 | > 7 |
| 7 | > 7 |

DRAINING TILE

Breaking force and deformation at static compression load

Test conditions

Measurement range: 10000 N
 Area of compression stamp: 1000 mm²
 Deformation speed: 2 mm/min
 Number of samples: 5

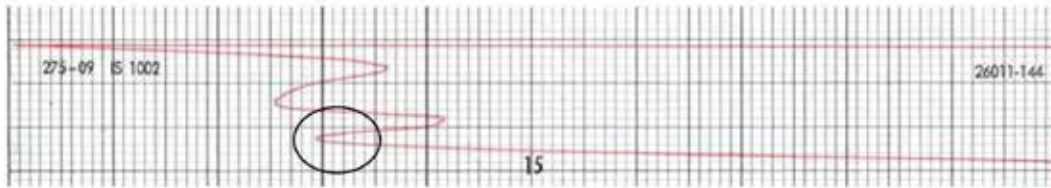
Test results

| Sample / test | Breaking force (see annotation) | | Deformation at breaking force [mm] |
|-------------------|---------------------------------|----------------------|------------------------------------|
| | [N] | [N/mm ²] | |
| 1 | 6200 | 6,20 | 3,6 |
| 2 | 6045 | 6,05 | 3,7 |
| 3 | 6400 | 6,40 | 4,0 |
| 4 | 5940 | 5,94 | 4,0 |
| 5 | 7050 | 7,05 | 5,2 |
| Mean value | 6327 | 6,33 | 4,1 |

Note:

The sample shows no clear break but a continuous deformation.

„Breaking force“ was considered when the sample „start to easing“ and the first explicit drop in force was observable (see marking in following force/elongation diagram).



Deformation



6. TECHNICAL SPECIFICATION

| Item | Description | Unit | Prize |
|---------------------|---|------|-------|
| Dak.O.GAR01.0015x | Supply and installation of garden drainage tile and its accessories made of PP, color green, red and gray. Interlocking modular element measures 400 x 400 x 18 mm. Made of PP (polypropylene). For both indoor and outdoor alternative uses. For terraces, conservatories and spa areas. For grassy or screed surfaces intended for garden furniture, play activities and/or walkways. Dimensions 400 x 400 height 18 mm | | |
| Dak.O.GAR01.0015R | Red Draining Tile..... | pz. | - |
| Dak.O.GAR01.0015V | Green Draining Tile..... | pz. | - |
| Dak.O.GAR01.0015GC | Gray Draining Tile..... | pz. | - |
| DAK.O.GAR01-0030R | Ramp with female coupler - Red..... | pz. | - |
| DAK.O. GAR01-0030V | Ramp with female coupler - Green..... | pz. | - |
| DAK.O. GAR01-0030GC | Ramp with female coupling - Gray..... | pz. | - |
| DAK.O. GAR01-0031R | Ramp with male coupler - Red..... | pz. | - |
| DAK.O. GAR01-0031V | Ramp with male coupler - Green..... | pz. | - |
| DAK.O. GAR01-0031GC | Ramp with male coupling - Gray..... | pz. | - |
| DAK.O. GAR01-0032R | Male-female angle - Red..... | pz. | - |
| DAK.O. GAR01-0032V | Male-female angle - Green..... | pz. | - |
| DAK.O. GAR01-0032GC | Male-female angle- Gray..... | pz. | - |
| DAK.O. GAR01-0033R | Female-female angle- Red..... | pz. | - |
| DAK.O. GAR01-0033V | Female-female angle- Green..... | pz. | - |
| DAK.O. GAR01-0033GC | Female-female corner- Gray..... | pz. | - |