Dbase

Product: **D BASE**

Product code: **DB23_DBASE_RL**

Dimensions: **50 x 50 x H 1,7 cm**

Weigth : **1,32 Kg/pz**

Roofingreen® Dbase is a unique modular support system for porcelain stoneware (gres) floors. Thanks to its reduced height of 1.7cm, it integrates perfectly with Roofingreen® artificial grass tile system.

Dbase revolutionizes the traditional installation method of outdoor ceramics surfaces. The new low height, draining base generates a uniform weight load distribution and makes it possible to use ceramic tiles of min. 1cm thickness.

The draining base part forms the chassis on which to position the porcelain tiles without the need for mechanical or chemical fastening. Tiles can be of different formats and textures.

In combination with Roofingreen® grass tiles, the Dbase system facilitates the creation of new compositional designs for outdoor spaces, simplifying operations and at the same time reducing the environmental impact.

Key Features

- Reduced height
- Perfect integration with Roofingreen® LEAF
- Excellent drainage
- Dry technology
- Different tile sizes and textures
- Cost reduction
- Recyclable materials
- Reduced logistics impact
- Easier installation: reduced weight and easy tile cutting
- Reduced environmental impact

SYSTEM COMPOSITION

Dbase is composed of:

1) Dbase draining base
2) Non-woven fabric sheet
3) Rubber spacers
4) Porcelain stoneware tiles
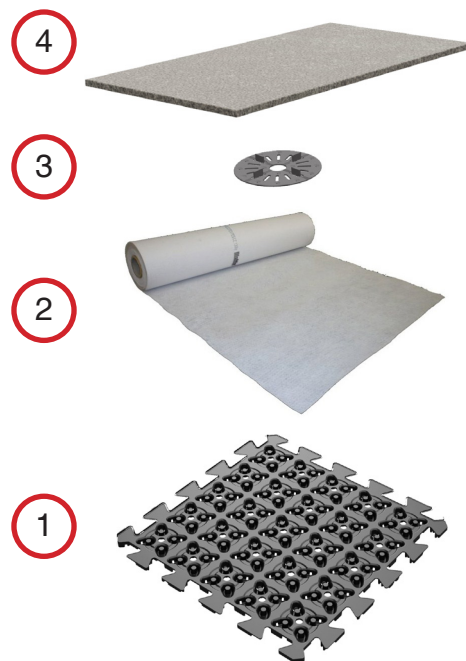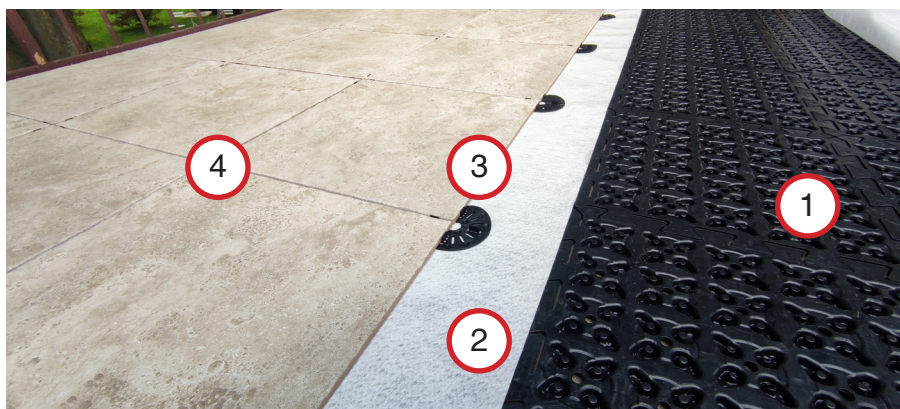
MATERIAL SPECIFICATIONS

Dbase Module

Material	polypropylene (PP)
Dimensions	500 mm x 500 mm (± 2 mm)
Height	15 mm (± 5%)
Weight	1,2 kg/mq (± 10%)

Non-woven Fabric

Material	100% synthetic fiber
Roll dimensions	105 x 5000 cm
Thickness	1.5 mm (± 5%)
Density	80 gr/ dm3
Weight	0,12 kg/mq (± 10%)

Spacer

Material	TPV rubber
Dimensions	diameter 130 mm (± 1 mm)
Height	2 mm (± 10%)

Porcelain Tile

Material	porcelain stoneware (gres) for outdoor, R12
Dimensions	60 x 60 cm ; 60 x 120 cm ; 120 x 120cm
	see also separate datasheets

TECHNICAL DATA SHEET

PRODUCT CODE: DB23_DBASE_RL

INSTALLED SYSTEM

Surface Area	4 modules per square meter
Height	17 mm + porcelain tile thickness
Weight	5.3 kg/m2 + porcelain tile weight

TECHNICAL PERFORMANCE

Parameter	Value
Weight Load	min. 5.0 kN/m2 distributed load
ASTM C627 (Robinson Test)	Average
Surface Friction	R12

For additional technical data of the porcelain stoneware tiles, refer to the specific data sheets of the selected tiles.

The Roofingreen floor system can be used all year around in a broad range of climatic conditions (cold, wet, hot) thanks to the high dimensional stability, non-absorption of surface water and excellent drainage properties.

The purchaser is responsible for the identification, verification and communication to Roofingreen of relevant local and national legislation, standards, regulations and operating instructions.

HEALTH AND SAFETY

Parameter	Value
REACH	All components are REACH registered and compliant
Toxicology	Does not contain heavy metals or other hazardous/toxic components
Transport	No restrictions

PROJECT PREPARATION

To ensure the correct choice and quantity of materials it is recommended to share with Roofingreen the .dwg or .pdf drawings of the project with the exact surface dimensions.

INSTALLATION

The Dbase system are designed for installation on flat (max. slope of 5%) non-draining surfaces, without pedestals or similar supports. Typically, a layer of Geodreno, a structured geotextile roll, shall be positioned first on the substrate. This will contribute to the protection of the underlying waterproof membrane, create a smooth and homogeneous installation surface, enhance the horizontal drainage flow, and eliminate noise generation.

Dbase modules can be cut to size on-site, using a circular table saw or handheld electrical saw, in order to obtain straight edges and to make the surface fit the surrounding structure.

The installation of the system can be performed either by Roofingreen appointed installers or alternatively, by personnel chosen by the client following the installation instructions. In the latter case, Roofingreen declines any responsibility for the quality of the installation and any negative consequences and / or damage resulting from incorrect or imperfect installation. For more detailed instructions and guidelines for installation, please refer to available installation videos or contact qualified personnel.

The purchaser is responsible for the management and disposal of waste, excess and packaging materials, unless agreed otherwise.

MAINTENANCE AND CLEANING

The Dbase system does not require any type of maintenance. The porcelain tiles can be cleaned like any type of ceramic surface.

WARRANTIES

Roofingreen products and systems come with a general, two-year (24 months) warranty for manufacturing defects.
The installation and use of Roofingreen products and systems is beyond our control, and is therefore the sole responsibility of the reseller, installer and/or user.
The purchaser is responsible for the identification and communication of any relevant local or national legislation, industry norms and standards, and/or regulations concerning the composition, performance and installation of our products and systems.

TECHNICAL DATA SHEET

PRODUCT CODE: DB23_DBASE_RL

500

500

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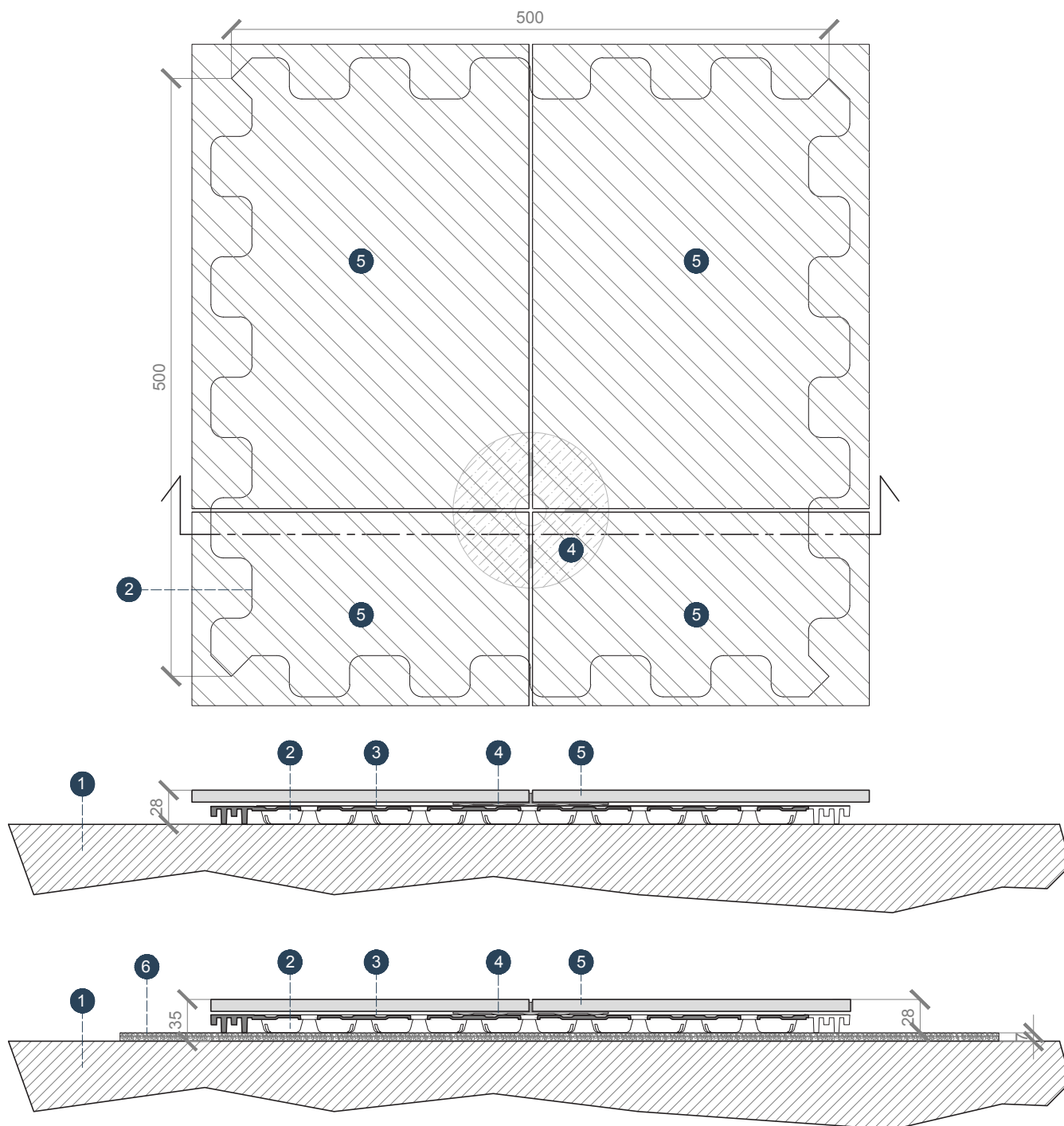
LEGEND:

①	Laying surface	③	Non-woven fabric	⑤	**Ceramic tile** th. 10 mm
②	Roofingreen **Dbase** th. 15 mm	④	Spacer	⑥	Draining mat Geodreno th. 7 mm

MODEL	FILE	DESCRIPTION	SCALE	TAV.
D BASE	DBASE_01_00.dwg	Plant and Section	1:5	DBASE_01