



DREEN[®] CERAMICA

CERAMIC SLABS FOR
ROOFTOP TERRACES

 **ZOONTJENS**
A CRH COMPANY



LUXURIOUS AND NATURAL LOOK FOR ROOFTOP TERRACES

Dreen®Ceramica is the ceramic-based slab system for rooftop terraces. With their origins in Italy, our ceramic slabs deliver guaranteed quality.

DIMENSIONAL STABILITY AND LIGHTWEIGHT

Dreen®Ceramica is available in the format 600x600, 900x900, 900x450 and 1200x600. Other formats are available on request. Measuring in at just 20 mm thick and with a weight of 46 kg/m², Dreen®Ceramica is an ideal product for the creation

or renovation of rooftop terraces, balconies and walkways. The slab features a series of positive characteristics; in addition to being anti-slip, the slabs are dimensionally stable, colourfast and wear-resistant, and maintenance friendly. They are also frost proof and resistant to de-icing salt. The slabs satisfy all European standards.

COLOURFAST

The ceramic slabs are monolithic full-core coloured, which means that they are solidly constructed from a single type of material and colour. As a result they always retain their colour and demonstrate practically no wear. Dreen®Ceramica is available in a variety of colours. Choose from the colour palette and give your outdoor space a stylish finish.

MAINTENANCE FRIENDLY

Ceramic outdoor slabs are produced from compressed layers of clay that are baked at high temperature. The resultant hardness makes the tiles scratch resistant, maintenance free and dirt repellent. Should any stains occur as a result of barbecue grease or red wine, for example, they can be easily removed with a household cleaning agent. The slabs absorb no water. Water discharge will depend on the location of the rooftop terrace; take into account the influences of screening, wind and sun. Any rainwater that is left on the surface following a rain shower can easily be dried with a squeegee. The slabs offer excellent weather resistance and are unaffected in the winter by the use of de-icing salt.

CLEAN LINES AND STABILITY

Dreen®Ceramica creates a stable and level walking surface. The slabs are attached to the underlying fixplate lock system with removable corner pieces. This element fixes and locks the slabs into position, but because it is a demountable system the waterproofing remains accessible (if necessary). The system also ensures straight joints between the slabs.

RAISED ROOFTOP TERRACE

The rooftop terrace can be raised to the required height with the DNS® system or an adjustable pedestal system. With DNS®, we work with a DNS® tube that is sawn to the required length, and inserted in a DNS® foot/disc with a fixplate lock on top. The adjustable pedestal system consists of an adjustable base with height rings and a fixplate lock. The fixplate lock element is mounted on top of both systems and the Dreen®Ceramica slabs are positioned and fixed on this top element. Both systems guarantee a level rooftop terrace. At the edges, the special DNS® edge zone system ensures stability and good support and containment of the slabs. The slabs are not fixed in the edge zone. For ceramic slabs of 900x900 mm, raising is only possible with DNS®Large.

PROPERTIES

- › Colourfast
- › Scratch resistant
- › Wear resistant
- › Frost resistant
- › High dimensional stability
- › High anti-slip (R11)
- › Maintenance free
- › Dirt repellent



Slabs with fixplate lock on fixplate base



Raised using the DNS® system



Support and edging with DNS® edge zone system



Underlying surface accessible following lock release



Raised using DNS®Large for ceramic slabs of 900x900 mm





DREEN® CERAMICA

FIXPLATE LOCK SYSTEM



Fixplate lock

Fixplate base

DNS® foot/disc

FIXPLATE LOCK SYSTEM WITH DNS®



Edge support filler disc

Edge support disc with strip

DNS® tube

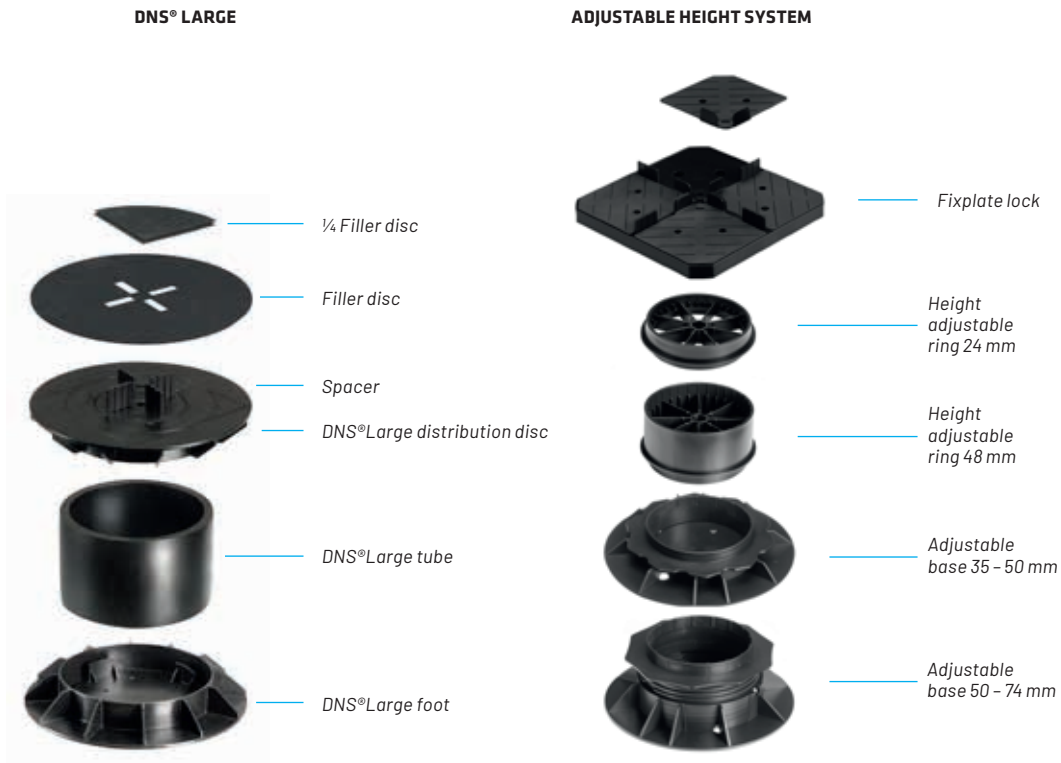
DNS® edge zone foot

DNS® EDGE ZONE SYSTEM



TECHNICAL SPECIFICATIONS DREEN® CERAMICA

Dimensions	595 x 595 x 20 mm	895 x 446 x 20 mm	595 x 1195 x 20 mm
Working size	598 x 598 x 20 mm	895 x 446 x 20 mm	598 x 1195 x 20 mm
Weight per slab	16.5 kg	18.5 kg	33.2 kg
Weight per m ²	46 kg/m ²	46 kg/m ²	46 kg/m ²
Number per m ²	2.78 pieces	2.50 pieces	approx. 1.4 pieces
Thickness tolerance	approx. 0.5 mm	approx. 0.5 mm	approx. 0.5 mm
Length and width tolerance	approx. 0.8 mm	approx. 0.8 mm	approx. 0.8 mm
Anti-slip value (roughness)	R11 (optionally R13)	R11 (optionally R13)	R11
Load at fracture	≥ 11 kN	≥ 5,5 kN	≥ 5,5 kN



TECHNICAL SPECIFICATIONS DREEN® CERAMICA LARGE SIZES

Dimensions	895 x 895 x 20 mm
Working size	898 x 898 x 20 mm
Weight per slab	37.6 kg
Weight per m ²	46 kg/m ²
Number per m ²	1.23 pieces
Thickness tolerance	approx. 0.5 mm
Length and width tolerance	approx. 1.0 mm
Anti-slip value (roughness)	R11
Load at fracture	≥ 11 kN

These specifications, constructions and details were prepared according to the latest technological developments and with the greatest possible care. Zootjens International B.V. accepts no liability whatsoever for any errors or inaccuracies or their consequences. In the interests of innovation and improvements, we reserve the right to make any necessary changes to the products and systems.





WHAT IF THE WORLD WERE TWICE AS BIG

It can be, as far as we're concerned. Our world, twice as big. A world that we are helping to design and construct perfectly with our roof slab systems. Our many years of experience have made us the number one expert in rooftop paving. For sustainable roofs, livable roofs for socializing. We interact with architects and contractors every day. With roofers and project developers. Creators and constructors. We listen to them, work with them and advise them. That's why we're the number one party with the best rooftop vision. It's our higher ground.