

# VARIOPAD 2 *(can be split)*

Prod. no. 4022514**192169**

**Height-adjustable pedestal supports for concrete or ceramic paving on balconies, terraces and green roofs.**

**Certified to DIN EN ISO 9001:2008**



**Application:** Height-adjustable pedestals for supporting paved coverings on waterproofed flat roofs or concrete surfaces. The slabs can be laid without any protective layers between waterproof seal and pedestal pads.

**Dimensions:** Ø 180 mm  
 Total area 254 cm<sup>2</sup> (area for the calculated thermal insulation pressure resistance = 230 cm<sup>2</sup>)  
 Seamlessly height-adjustable from 35 to 50 mm  
 Four individually height-adjustable cogwheels independent of each other, each with Ø 65 mm  
 Joint bar: Height 65 mm

Cross spacer with reverse motion locking (**absolutely essential**): height 60 mm, length 74 mm  
 Joint bar: height 15 mm, width 4 mm (prod. no. 4022514**192145**) or width 6 mm (prod. no. 4022514**192152**)  
 Can be used for concrete or ceramic slabs  
 Can be combined with Multi-Pad, Multi-Pad+PLUS and the Maxi-Shim.

**Material:** Polyamide (PA 6), glass-fibre-reinforced, reusable, recyclable

**Technical data:** Polyamide (PA 6), reinforced with 25% glass fibre (PA 6 GF25)  
 Gross density: 1.32 g/cm<sup>3</sup>  
 Resistant to deformation from -40 to +130°C

Load-bearing capacity: \*  
 At cogwheel height of 35 mm = 19.2 kN per cogwheel × 4 = 78.80 kN per pad  
 At cogwheel height of 50 mm = 13.6 kN per cogwheel × 4 = 54.40 kN per pad  
 (Tested at 23°C and 50% relative air humidity)  
 Flammability classification as per UL 94 = HB (equivalent to B2)

The thermal insulation's required minimum compressive strength in the worst case scenario: \*\*  
 e.g.: with 50 × 50 × 4.1 cm concrete slabs under the whole pad 146 kN/m<sup>2</sup>

**Recommended thermal insulation material = XPS !!!**

**When using whole paving slab support pads in edge and corner areas, it is possible, in relation to the compressive strength, to fit the same insulation material to the whole area. If laying half paving slab support pads, the insulation material used in this area MUST be a material with increased compressive strength. See 'Laying instructions' table on pages 56/57 of the complete catalogue.**

Our planning and laying guides provide further information.

\* Tested by F+E Ing. GmbH – plastics laboratory on 24.06.2015

\*\* Calculated by WSP Ingenieure Würzburg on 31.07.2015

**Methods of use 08/2015** Our verbal and written recommendations in respect of technical application that we provide based on our experience to assist the purchaser/user are in line with current theoretical and practical knowledge. Neither they nor any external calculations are binding or create any legal contractual relationship or any additional obligations arising from the purchase contract. They do not absolve purchasers/users from the need to check for themselves that our products are suitable for their intended purpose.