



K1



H 30 - 41 mm

HEAD
Ø 130 mmBASE
Ø 205 mm

KING	Sizes (mm)	Base diameter (mm)	Head diameter (mm)	Tabs (mm)
K1	H 30 - 41	Ø 205 mm	Ø 130 mm	Th. 2 - 3 - 4 - 8 mm H 12 mm

NOTE: The standard thickness of the tabs is 4 mm. 2, 3 or 8 mm tab thickness are available on request.

Description of specifications

Supply of "KING" polypropylene pedestal for installation of raised outdoor floors, consisting of a tilting base of 205 mm diameter, with large anti-cracking grooves in the lower side of the base, self-levelling system in the spherical cap of the base and screw, able to compensate slopes of the laying surface up to 5%.

The union between the base and the screw allows the transformation of the support from self-leveling to fixed with a series of joints, with a simple rotation of one of the two spherical caps.

The screw, adjustable from 30 to 41 mm, runs inside the central thread that supports the head; the head is released from the central thread so as to allow the height adjustment of the pedestal.

The pedestal is equipped with extensions that allow the achievement of different heights.

The system can be adjusted with the aid of a special registration key supplied, which can also be used on completely laid flooring. The pedestal head, with a diameter of 130 mm, is covered in black rubber, with 2, 3, 4 or 8 mm thick tabs, h 12 mm also in anti-rupture rubber.

The galvanised steel adjustment key, protected by black paint and triple firing, has an L shape and is provided with two cross and cutting inserts.

KING	CODE	Composition	Box weight (kg)	Box size (cm)	Max. boxes per pallet	Pallet weight (kg)	Pallet size (cm)	Pieces per box
K1	K1030041	-	6,6	39X55X23	40	275	80X120XH245	20

RAW MATERIALS	20% Talc-filled Polypropylene and rubber in the head and tabs
ENVIRONMENTAL IMPACT	Reusable and recyclable - Non-hazardous waste
FIELD OF APPLICATION	On any waterproofing membrane On any rigid insulation panel On any solid and compact laying surface

Advice for laying a raised floor on an insulating and waterproofing material

We recommend the use of EPS or XPS panels or other thermal insulation, with values of resistance to crushing "suitable for compression resistance exerted by raised flooring on PP supports". Failure to check the suitability of the insulating panel could cause the panel to be crushed under the weight of the raised floor, causing unaesthetic movements of the entire flooring; moreover, the excessive ductility of the insulating panel could compromise the performance of the waterproof covering and/or of the supports intended for raising the flooring. In this situation we recommend a preliminary exchange both with our technicians and with the insulation panel manufacturers; if there are any doubts regarding the compression strength of the panel, we always suggest the use of our Skudo separator for the sole protection of the waterproofing.

KING pedestal test

Aim of the tests carried out: check the resistance of the pedestals of the DPS Flooring line manufactured by the company DPS Solving, to the main mechanical and physical stresses to which they may be subjected, during the different conditions of use. The pedestals are made of injection moulded plastic (Polypropylene), and are composed of several modular parts.

MECHANICAL TESTS - COMPRESSION TEST ON THE SUPPORT AFTER ARTIFICIAL AGEING

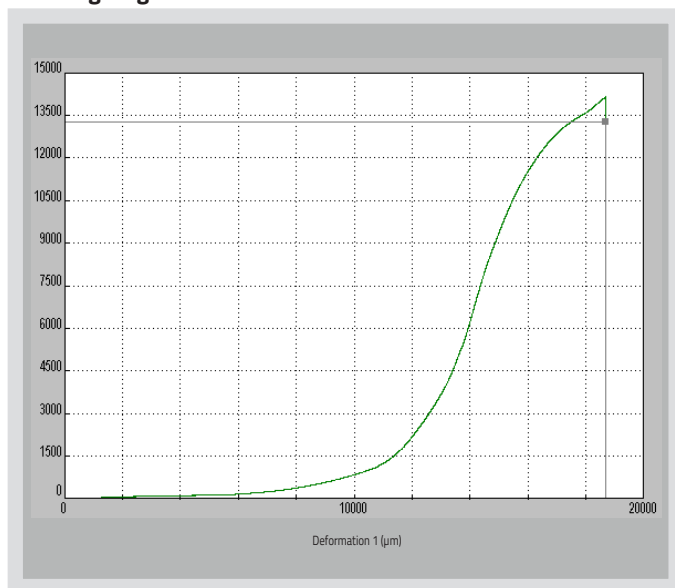
K1 - TILTING	14.151,3 N
K1 - FIXED	14.513,8 N

RESULT:

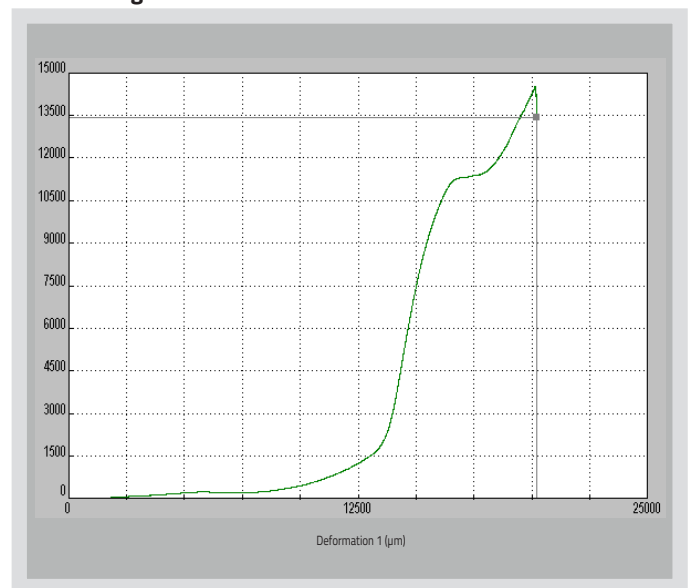
The compression tests carried out show that at the different loading conditions before and after the ageing cycles, there are no significant alterations of the material, the average values obtained are similar to the model used.

The average values of the maximum breaking load obtained in normal working conditions range from 14,500 N of the K1 model to 21,500 N of the K5 model

K1 tilting diagram



K1 fixed diagram



CHEMICAL TESTS - 30 CYCLES 8 HOURS EACH

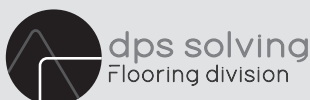
RESULT:

Chemical tests have shown that the material used (Polypropylene) has good physical resistance and dimensional stability, after an immersion time of 240h, to the following agents:

- de-icing salts;
- pool water with chlorine;
- frost-defrost;

With regard to resistance tests carried out with the main hydrocarbons (petrol and diesel for transport), the components showed slight decreases in resistance after 168 hours of total immersion.

LAYING SPECIFICATIONS	King pedestal does not require mechanical fixings or adhesives, and can be placed directly on the laying surface.
PRODUCT WARRANTY	5 years warranty against production defects (see general warranty conditions)



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