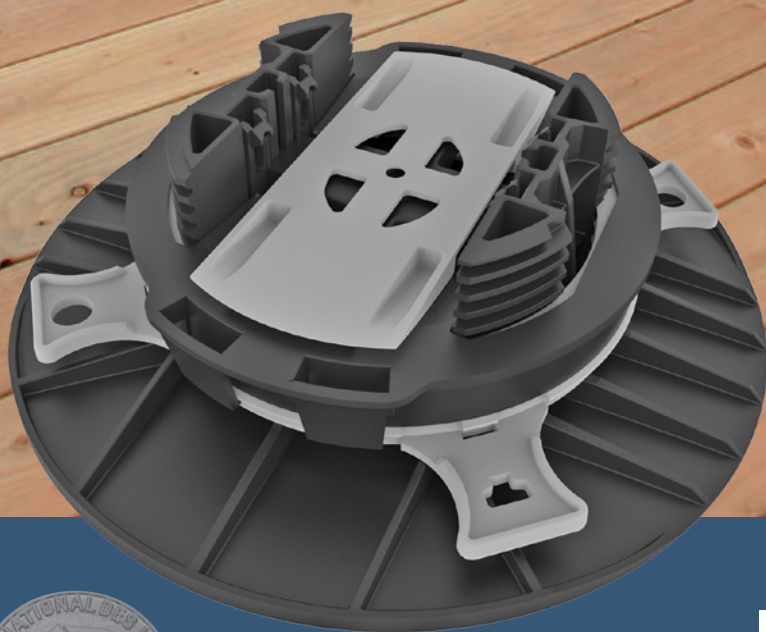


THE UNIVERSAL ADJUSTABLE PAD

A REVOLUTION IN DECK LAYING!



Silver Medal - International
Exhibition of Inventors -
Geneva, 2014

TOP LIFT®

The universal adjustable pad

Imagine that only **one model** of pad is needed instead of 4 or 5 models to cover a range of adjustment from **35 to 235 mm**!

Imagine also that this pad fits all kind of joists. Imagine in addition that:

- > the pad is **integral** with wood
- > it compensates up to 4% of the slope and it offers an incomparable ease of screwing
- > it carries up to 2 tons per m²
- > its conditioning can be useful.

This product does exist. And it is called **TOP LIFT®**. The **TOP LIFT®** pad is manufactured by INCA Company. **TOP LIFT®** is not just a simply modified slabs pedestal. It was designed from the beginning for the specific setting of joists for timber, composite or porcelain stoneware terrace.



TOP LIFT® is a major and key innovation in the construction of terraces: it makes deck-builders' life easier!



CUSTOMER TESTIMONIALS



«Easy height adjustment thanks to a continuous adjustment system; reduced storage cost of pedestals of different heights; stability and simplified installation: that is exactly what we have been waiting for.»

RALF UNGER (UNGER BÖDEN - GERMANY)



«It is always fascinating that there is still a simplification to invent, and we tell ourselves that it should have existed for a long time... But it is precisely those things that make our work enjoyable.»

MICHAEL KUPKA (GARTEN AGENTUR - GERMANY)



«For me this adjustment solution resolves two essential issues: slope compensation and stock reduction.

The first issue posed a real problem of the load distribution on the pad. And the second issue will make me save at least 15 linear metres of storage in my warehouse, not to mention cash flow gain. »

FRANÇOIS-XAVIER TURPIN (AIR ET SOLEIL- FRANCE)



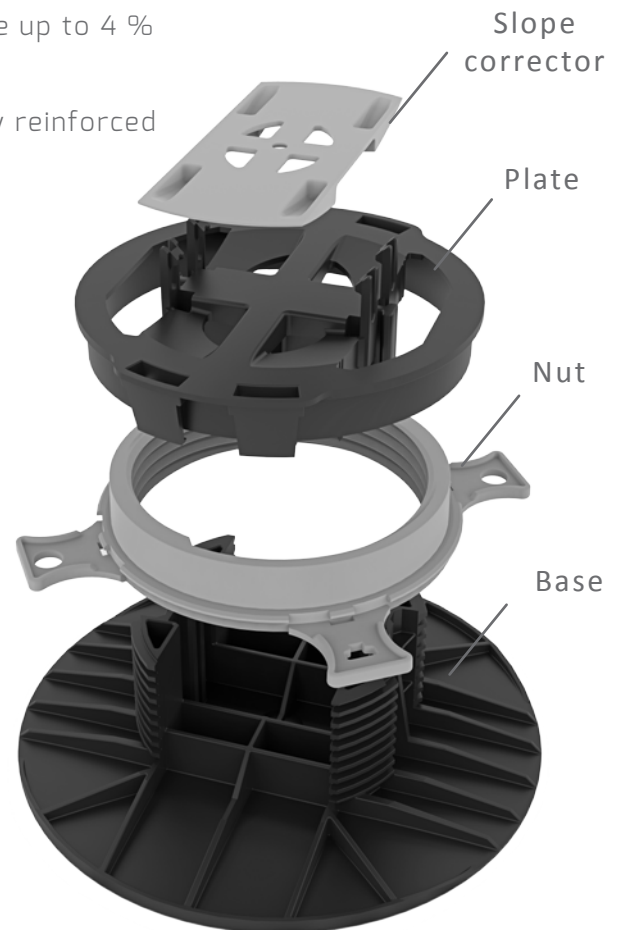
TOP LIFT®

Different elements of pad

The TOP LIFT® pad consists of 4 elements :

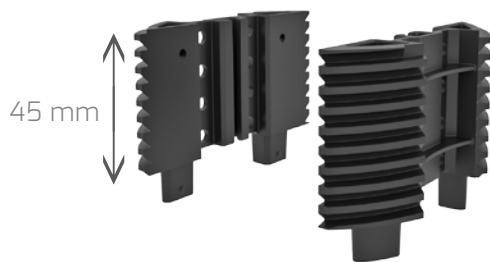
- > the base with a diameter of 20 cm
- > the nut
- > the plate
- > the slope corrector that allows to compensate up to 4 % of the slope.

The product is made from polypropylene partially reinforced by fibreglass.

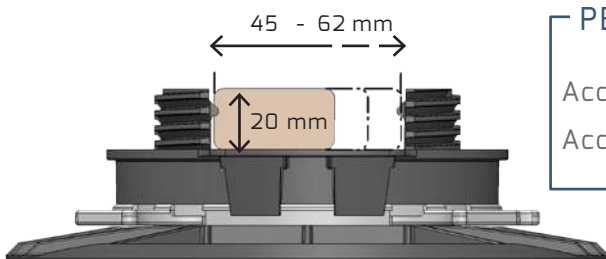


ADDITIONNAL EXTENSIONS :

Up to 4 pairs



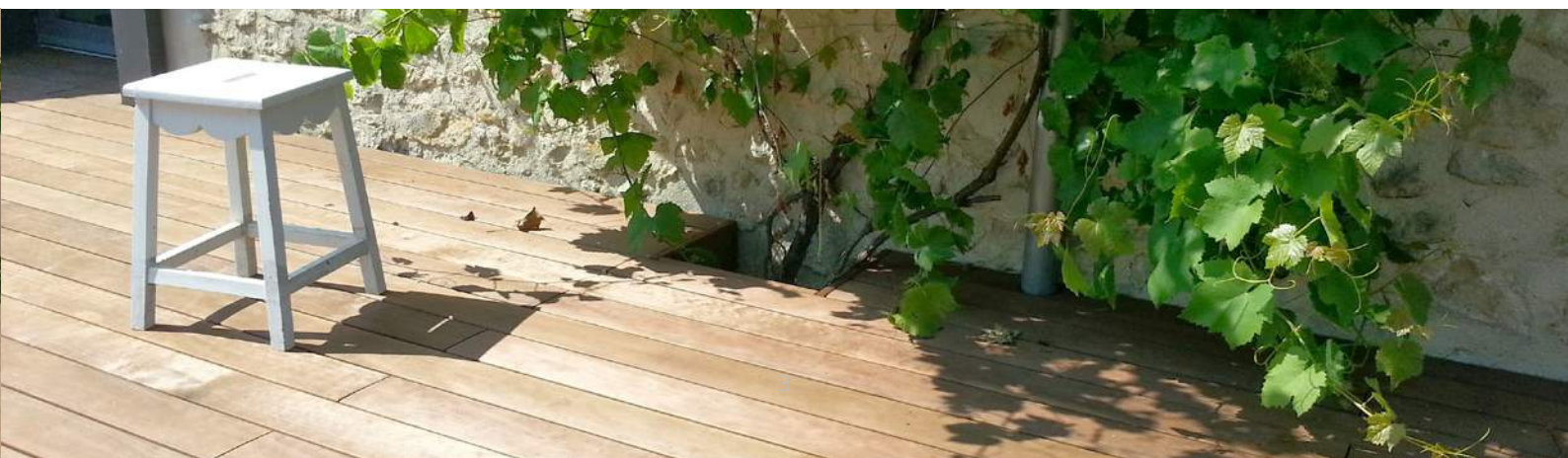
The interchangeable extensions can be easily inserted, **without moving the structure.**



PERMITTED JOIST SECTIONS

Accepted joists widths : **from 45 to 62 mm**

Accepted joists heights : **from 20 to 220 mm**



7 DESICIVE ADVANTAGES !

1 JUST ONE MODEL IS NEEDED TO COVER A RANGE OF ADJUSTMENT FROM 35 TO 235 MM

No more risk of error on the choice of pedestal height to use!
The **TOP LIFT®** pad consists of a unique base. If required, its height is increased with ease by a pair of threaded extensions.
Please note : the **right** and **left extensions** are **identical**; no more risk of error!



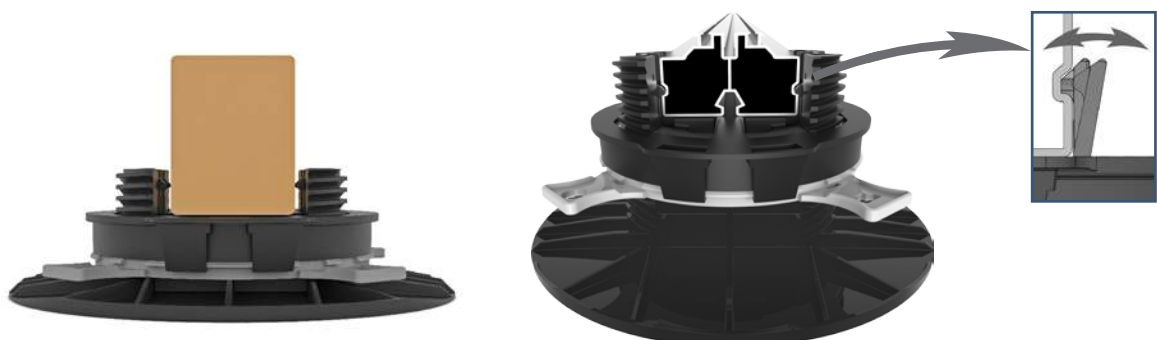
2 THE PAD IS DELIVERED ASSEMBLED

Stop wasting your time by assembling different parts of the pedestal which may be separated again during the handling. **TOP LIFT®** is delivered **ready-to-use**, nut screwed to the minimum level.

3 THE JOIST IS INTEGRAL WITH THE PAD

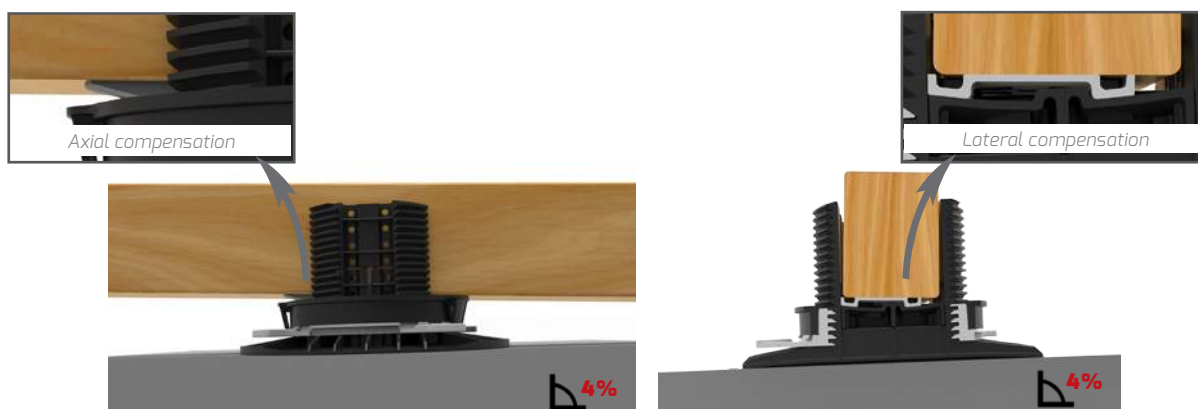
Thanks to its special form, the **pad holds automatically the timber in place**. The pedestal's plate has an ingenious device that holds the joist and prevents the pad from moving during the assembly.
In the delivered position, the pedestal can be slid under the structure; no need to lift it up.

Please note: this pinching functions best with 59, 60, 61 or 62 mm structural elements.



4 THE STRUCTURE RESTS FLAT

Thanks to a very smart system, the joist does not rest on the top of the pad even in the case of a slope. A **ball swivel system** allows to compensate up to 4 % of the slope in both directions.

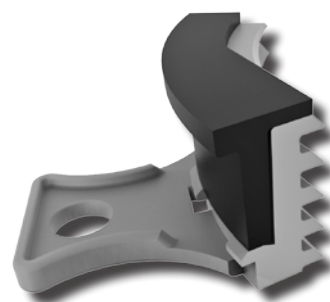


5 A VERY COMFORTABLE PERFORMANCE

Assembled in accordance with the standard, the TOP LIFT® pedestals can support more than **2 tons per m²**.

6 AN EASY ADJUSTMENT

The nut's friction surface is extremely limited. It ensures an **optimal comfort**.



7 THE TOP LIFT® PAD IS ECOLOGICAL

The TOP LIFT® pedestal is made from 100% **recycled** and **recyclable** polypropylene.

Moreover, the innovation concerns also the conditioning : no more bulky packaging! The pads and extensions can be delivered packed in **mulching films*** currently used to prevent the regrowth of weeds under the terrace.



*A delivery in traditional boxes is possible

APPLICATIONS

In order to respect the requirements of the French Standard **DTU 51.4** the centre distance between pads should not exceed **60 cm** in both directions.

WOODEN STRUCTURE



- > 3 pads per m² placed every 60 cm
- > 3,5 pads per m² placed every 50 cm
- > 4 pads per m² placed every 40 cm

ALUMINUM STRUCTURE FOR TIMBER



- > 3 pads per m² placed every 60 cm
- > 3,5 pads per m² placed every 50 cm
- > 4 pads per m² placed every 40 cm

ALUMINUM STRUCTURE FOR SLABS

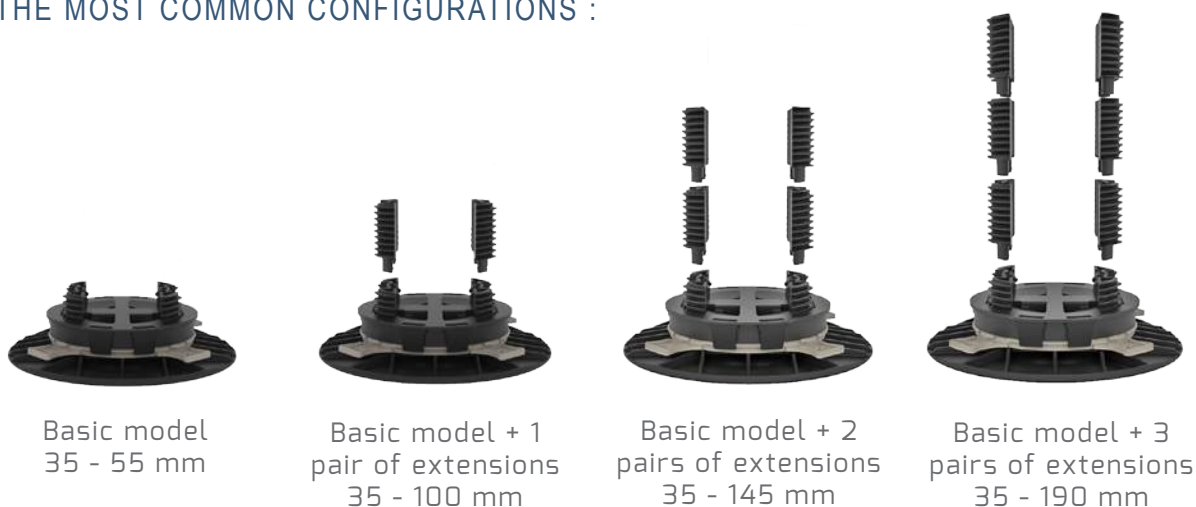


- > 3 pads per m² for 60x60 cm slabs



DATE SHEET

THE MOST COMMON CONFIGURATIONS :



TECHNICAL FEATURES :



100% recyclable
and recycled
Polypropylene



Conform to the
French Standard
(DTU 43.1 and
51.4)



Temperature
resistance from
-30C° to +60C°



Resistant to
atmospheric
agents



Resistant to acid
and basic solu-
tions



Compression
effort approu-
ching 1 ton

Agent in Nederland :

- > Zeno Products
- > Annadal 11
- > 5551 BM Valkenswaard
- > +31 (0)40 7878789
- > info@zenoproducts.nl

CONDITIONNING :

- > Box : 60 pieces
- > Available in boxes or
mulching films
- > Pallet : 14 boxes of pads
(i.e. 840 pieces) + 2 boxes of
extentions (i.e. 1680 pieces)

WHAT ABOUT THE STANDART?

The adjustable pedestals used for the timber decking should meet the requirements of the French Standard DTU 51-4 Building Works - Exterior floor decking and DTU 43-1 Building Works - Impermeability of flat roofs and inclined roofs with a masonry structural member.

Main points of these standards :

- > An adjustable pad should support a load of **390 kg/pc**
- > Minimal bearing surface of the pad's base : **300 cm²**
- > The pad height is adjustable and must enable the vertical distance between the pad base and the underside of the joist to be between **5** and **20 cm**

FEW WORDS ABOUT INCA



The INCA INjection Conception Assistance Society is a young company, created by **grad™** group and located 35 km northwest of Strasbourg. The company has a brand new production workshop and its own research unit.

OUR MISSION

Besides its brand new machines and important production capacities, INCA positions itself as a **highly competent player** in design and development of specific solutions for plastic injection.

Our production is currently focused on construction accessories (clipping systems for deck fastening and adjustable pads) but the company is **available for subcontracting studies, conception and production** of all types of injected plastic products.

INFRASTRUCTURE & EQUIPMENT

- > A brand new production workshop of 350 m²
- > 3 injection molding machines (200 tons)
- > 1 injection molding machine (125 tons)
- > 1 cooling unit and accessories
- > 650 m² of storage facility
- > dedicated research unit

100% French production



CONTACT

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