

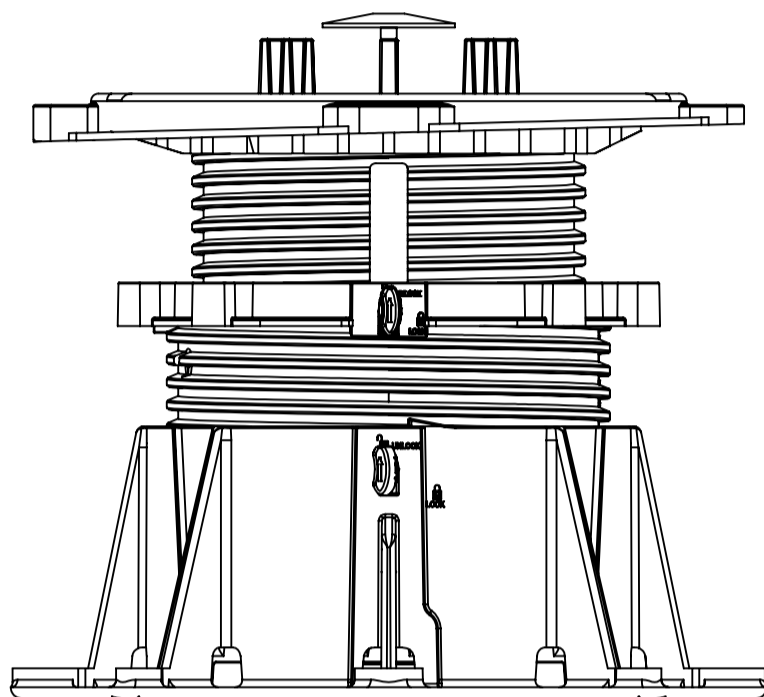


Buzon UK Ltd  
Unit 6  
Teddington Business Park  
Station Road  
Teddington  
TW11 9BQ

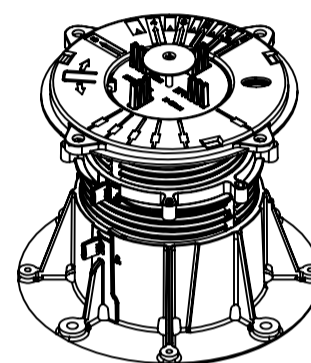
Scale :1:2

## DPH-5-PH5 + DPH-KIT-WR-stainless steel

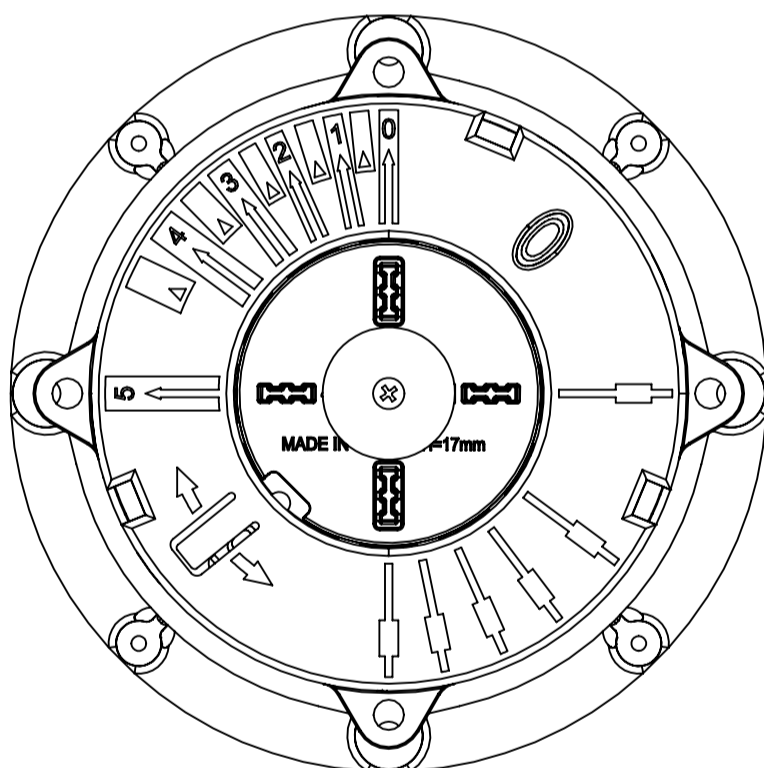
FOR 20 MM THICKNESS GRES-CERAM PORCELAIN TILES ONLY



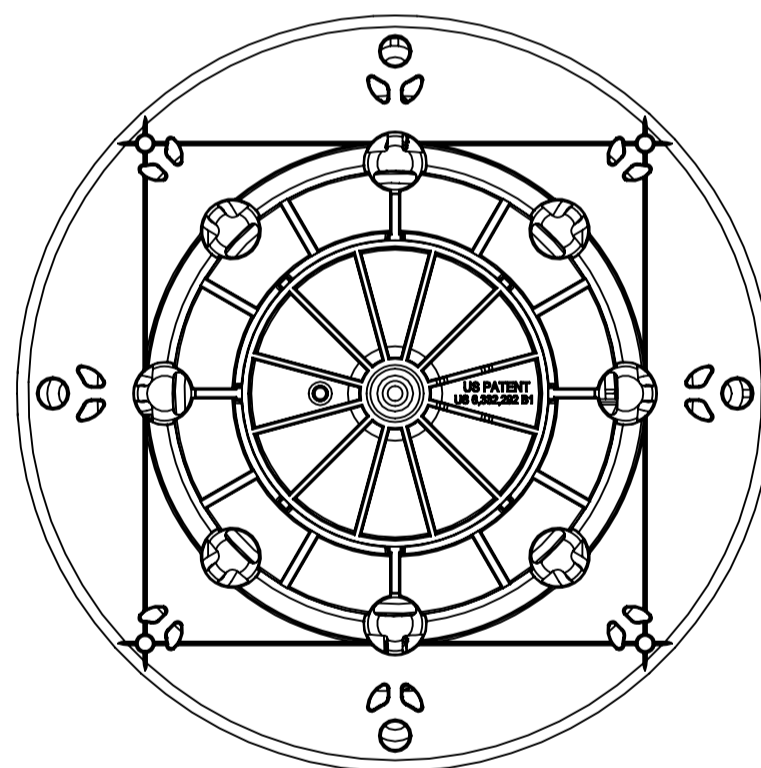
FRONT VIEW



ISOMETRIC VIEW scale :1:5



TOP VIEW



BOTTOM VIEW

### SPECIFICATIONS:

**TRACTION TEST:** 110kg/1078N/242lbf/\*TEST AVAILABLE ON REQUEST

**BUZON SECURITY VALUE :** DIVIDE THE LOAD INDICATED BY 2 = 55KG/539N/121lbf

**DPH-5-PH5:** REFFERING TO TECHNICAL DATA SHEET.

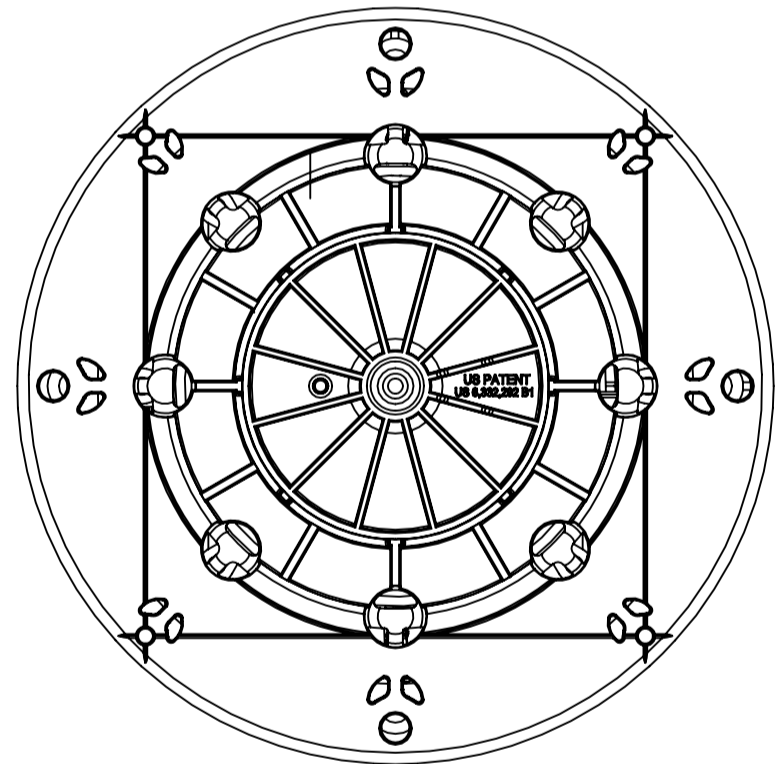
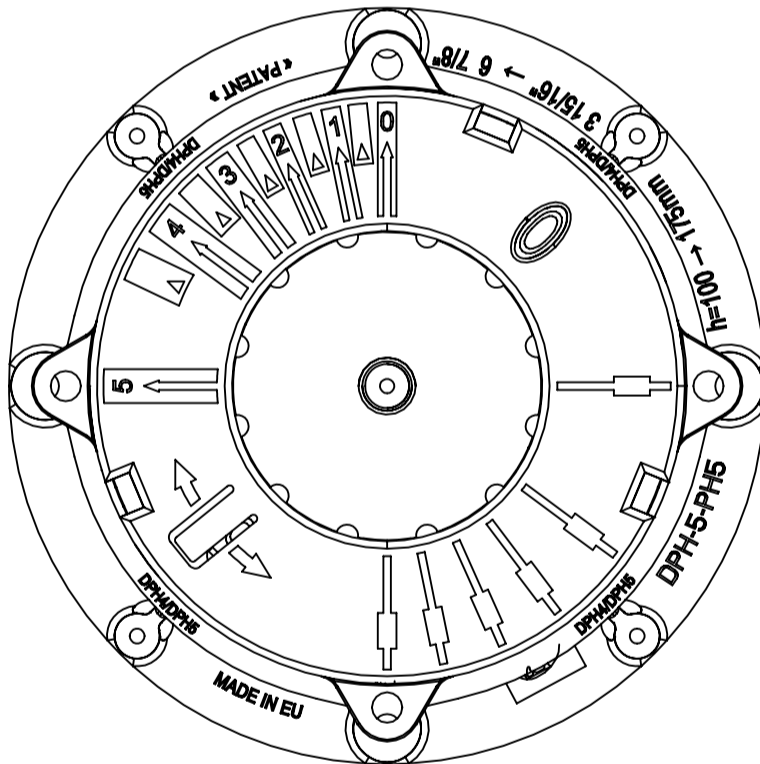
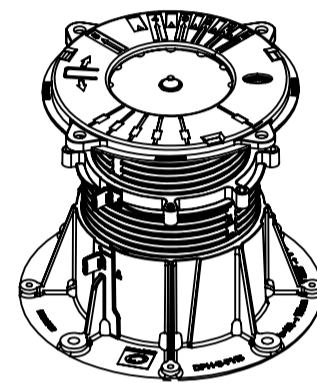
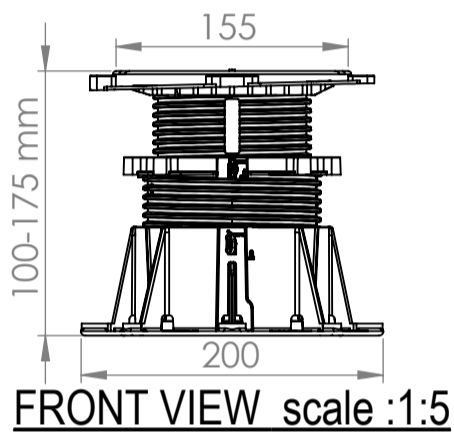
**DPH-KIT-WR:** REFFERING TO TECHNICAL DATA SHEET.

**TECHNICAL INFORMATION:** REFERRING TO TECHNICAL DATA SHEET.

### NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT, BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

## DPH-5-PH5--100-175mm



### **SPECIFICATION:**

**ADJUSTABLE HEIGHT:** ADJUSTABLE HEIGHT FROM 100 MM TO 175 MM UNINTERRUPTED, WITH INTEGRATED DPH-PH5 SLOPE CORRECTOR FROM 0 TO 5%.

**COMPOSITION:** THE DPH-5-PH5 IS COMPOSED OF 4 PIECES (SLOPE CORRECTOR + HEAD + ADJUSTMENT RING + BASE) + 4 SECURITY LOCKING KEYS.

**DIMENSIONS:** HEAD = DIAMETER 155 MM, INSTALLATION SURFACE 188 CM<sup>2</sup>.

BASE = DIAMETER 200 MM, GROUND SURFACE 314 CM<sup>2</sup>.

FULL WATER DRAINAGE SYSTEM.

**MANUFACTURE:** INJECTION MOULDING, >PP<, TOLERANCE MEASUREMENT = ± 1MM.

**TECHNICAL INFORMATION:** REFERRING TO TECHNICAL DATA SHEET.

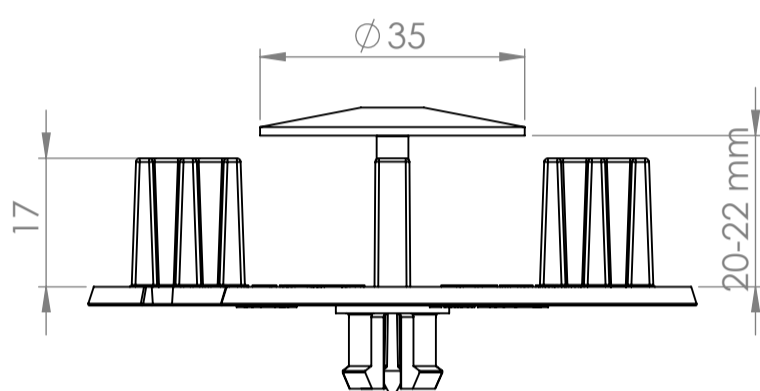
### **NOTES:**

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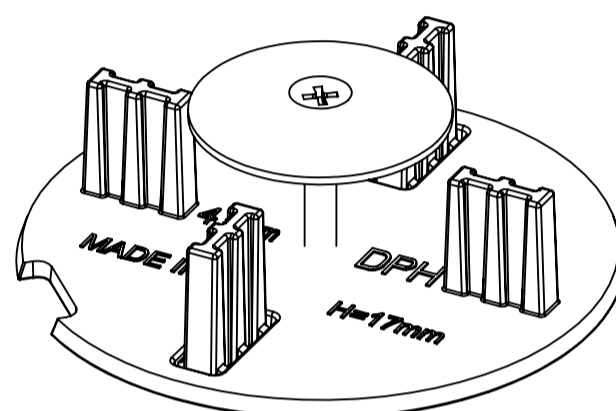


Scale :1:1

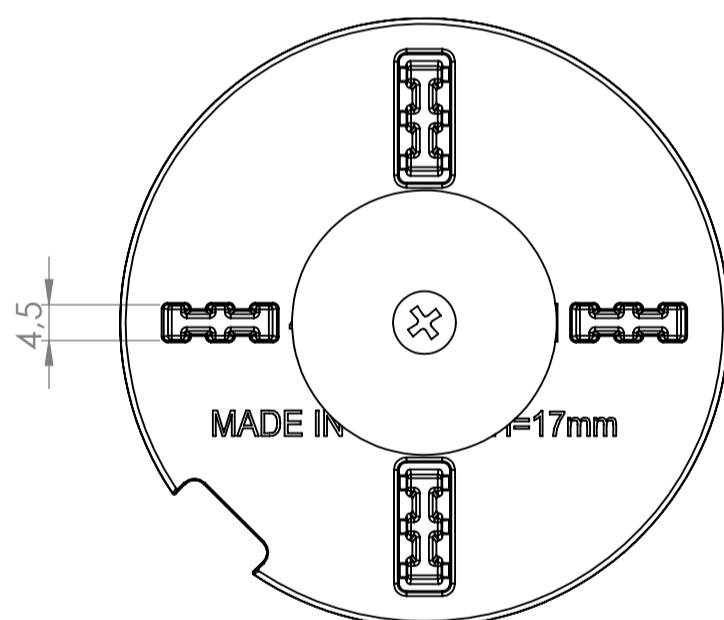
## DPH-KIT-WR-WASHER Ø 35 mm stainless steel FOR 20 MM THICKNESS GRES-CERAM PORCELAIN TILES ONLY



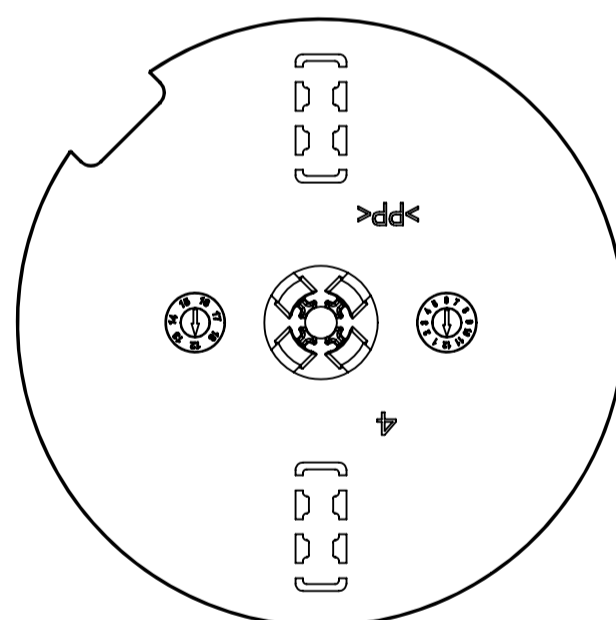
FRONT VIEW



ISOMETRIC VIEW



TOP VIEW



BOTTOM VIEW

### **SPECIFICATION:**

**TRACTION TEST:** 110kg/1078N/242lbf/\*TEST AVAILABLE ON REQUEST

**BUZON SECURITY VALUE :** DIVIDE THE LOAD INDICATED BY 2 = 55KG/539N/121lbf

**APPLICATION:** APPLICABLE FROM DPH-2-PH5 TO DPH-13-PH5,  
FOR 20 MM THICKNESS GRES-CERAM PORCELAIN TILES ONLY.

**COMPOSITION:** THE DPH-KIT-WR IS COMPOSED OF 3 PIECES :

1. DPH-TABS-4,5MM-H17-POM-AW
2. SELF-TAPPING SCREW, WURTH N°012724245, STAINLESS STEEL A4, Ø = 4,2 MM, L = 45 MM
3. WASHER Ø 35 mm, STAINLESS STEEL 316.

FULL WATER DRAINAGE SYSTEM.

**TECHNICAL INFORMATION:** REFERRING TO TECHNICAL DATA SHEET.

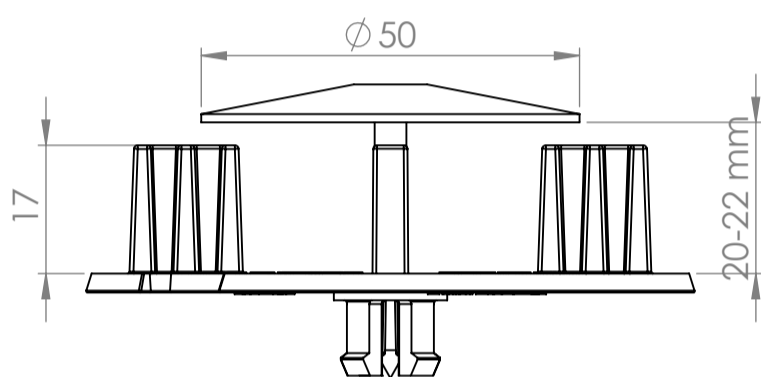
### **NOTES:**

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
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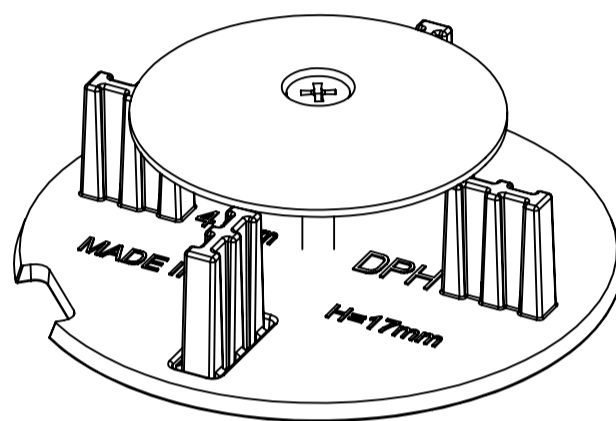


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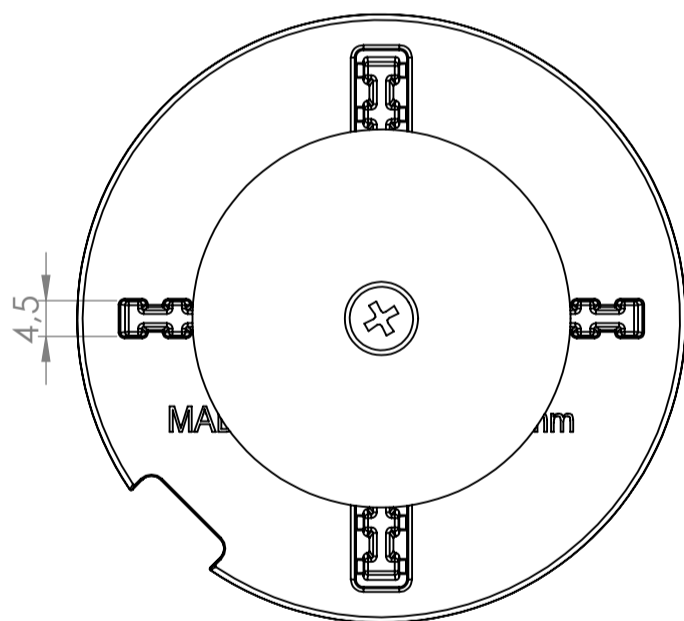
## DPH-KIT-WR-WASHER Ø 50 mm stainless steel FOR 20 MM THICKNESS GRES-CERAM PORCELAIN TILES ONLY



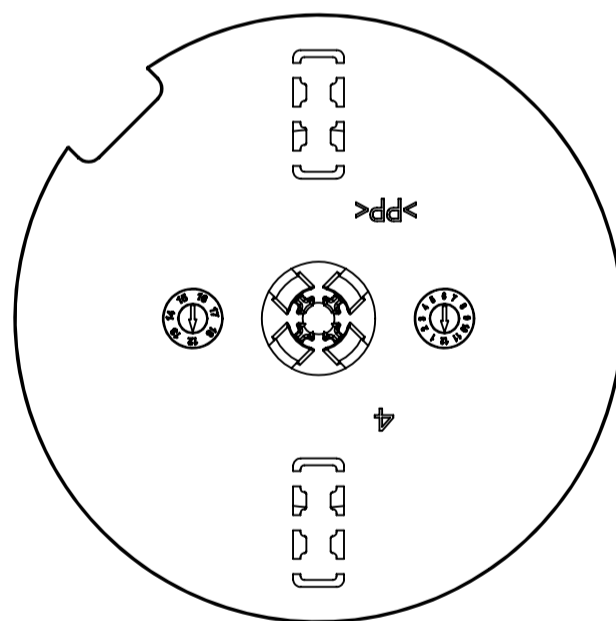
FRONT VIEW



ISOMETRIC VIEW



TOP VIEW



BOTTOM VIEW

### **SPECIFICATION:**

**TRACTION TEST:** 110kg/1078N/242lbf/\*TEST AVAILABLE ON REQUEST

**BUZON SECURITY VALUE :** DIVIDE THE LOAD INDICATED BY 2 = 55KG/539N/121lbf

**APPLICATION:** APPLICABLE FROM DPH-2-PH5 TO DPH-13-PH5,  
FOR 20 MM THICKNESS GRES-CERAM PORCELAIN TILES ONLY.

**COMPOSITION:** THE DPH-KIT-WR IS COMPOSED OF 3 PIECES :

1. DPH-TABS-4,5MM-H17-POM-AW
2. SELF-TAPPING SCREW, WURTH N°012724245, STAINLESS STEEL A4, Ø = 4,2 MM, L = 45 MM
3. WASHER Ø 50 mm, STAINLESS STEEL 316.

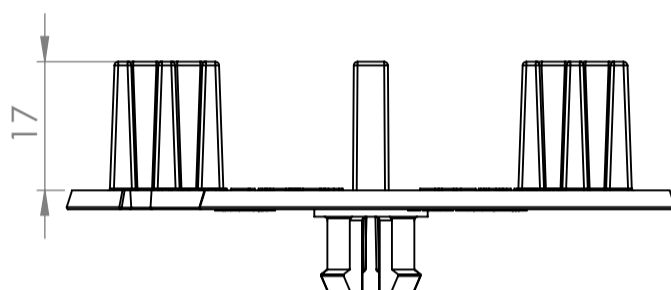
FULL WATER DRAINAGE SYSTEM.

**TECHNICAL INFORMATION:** REFERRING TO TECHNICAL DATA SHEET.

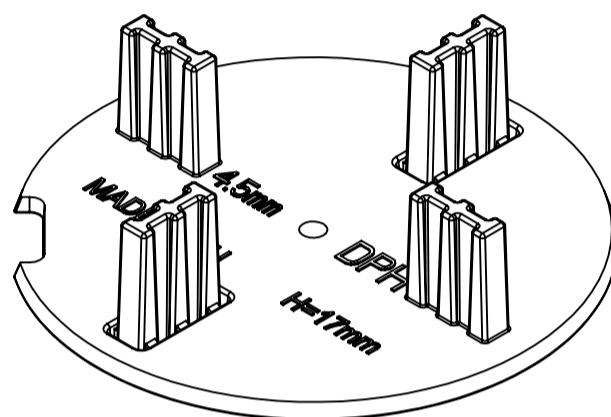
### **NOTES:**

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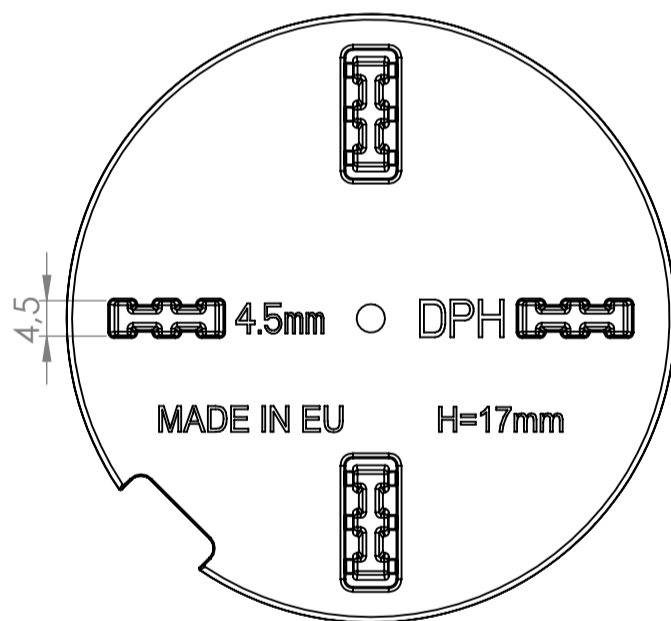
## DPH-TABS-4,5MM-H17-POM-AW



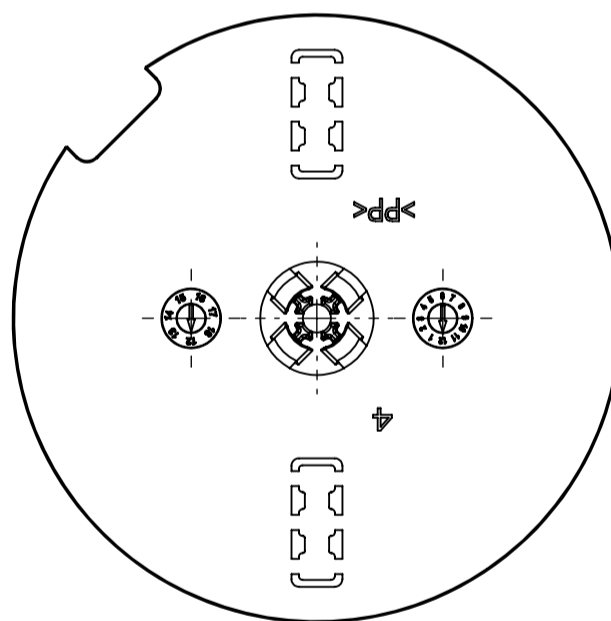
FRONT VIEW



ISOMETRIC VIEW



TOP VIEW



BOTTOM VIEW

**SPECIFICATION:**

**HEIGHT:** FIX 17 MM THICKNESS 4,5 MM.

**APPLICATION:** APPLICABLE FROM DPH-00 TO DPH-13-PH5.

**COMPOSITION:** THE DPH-TABS-4,5MM-H17-POM-AW IS COMPOSED OF 1 PIECE.

**TECHNICAL INFORMATION:** REFERRING TO TECHNICAL DATA SHEET.

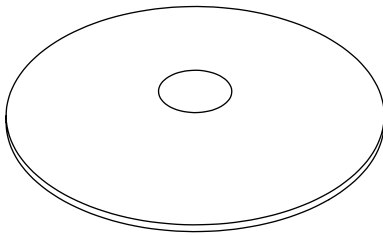
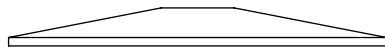
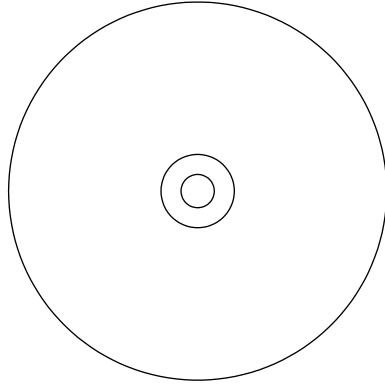
**NOTES:**

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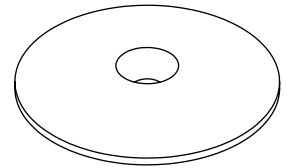
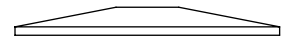
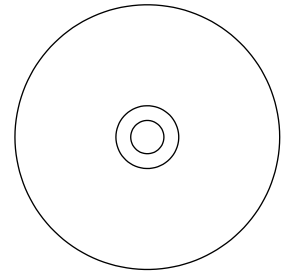
# Datasheet WR

## washer stainless steel

50 mm



35 mm



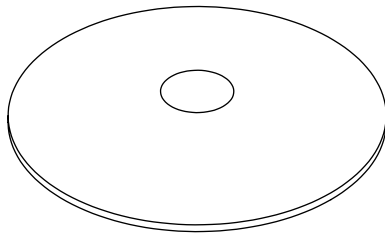
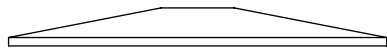
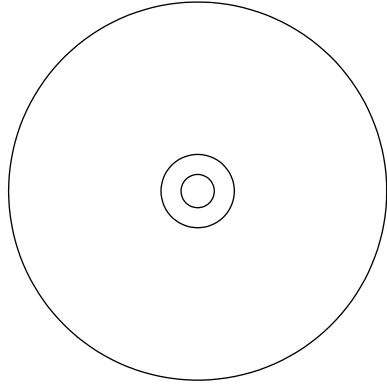
### **Characteristics**

Material	Stainless steel 316 (A4)
Dimensions	Ø50 x h3.7 mm Ø35 x h3.7 mm
Colour	Natural stainless steel
Weight	Ø 50 mm 17gr Ø 35 mm 9 gr
E-modulus	ca. 180000 N/mm2

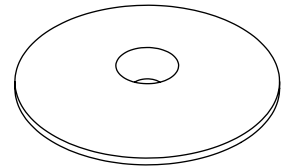
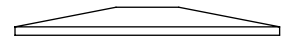
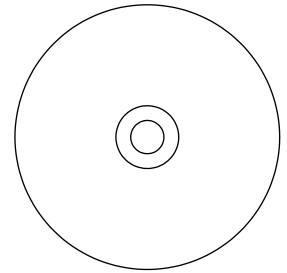
# Datasheet

## WR washer POM

50 mm



35 mm

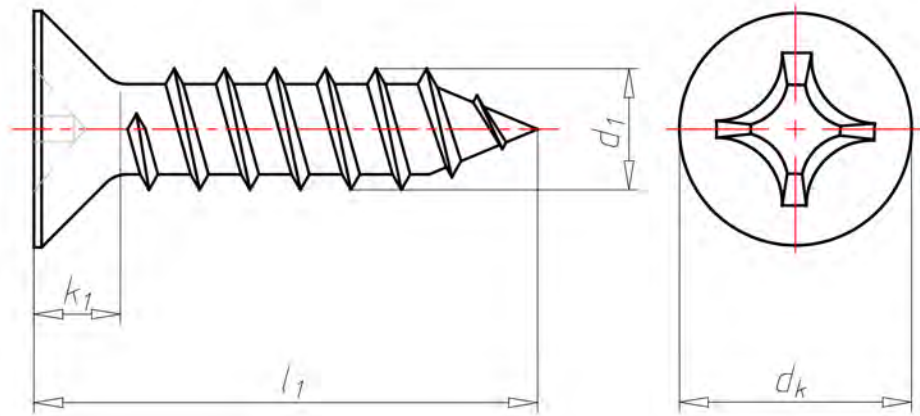


### Characteristics

Material	POM
Dimensions	Ø50 x h4.8mm Ø35 x h4.9mm
Colour	Differents colors
Weight	Ø 50 mm 7gr Ø 35 mm 5gr

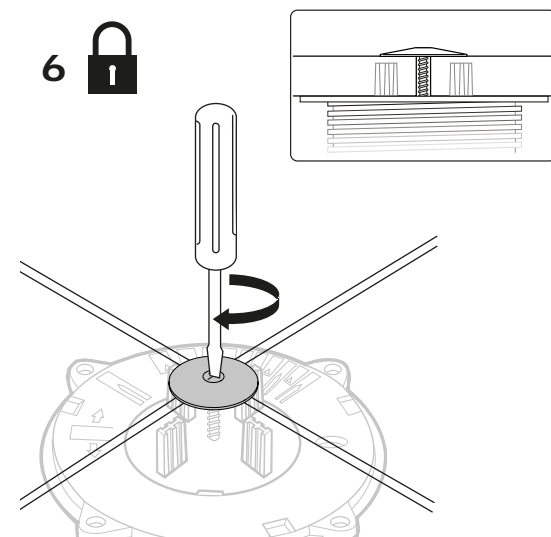
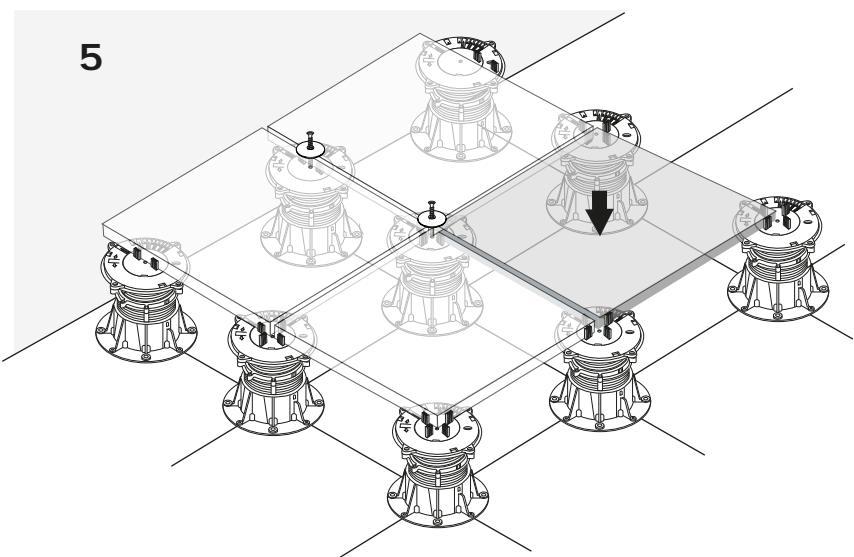
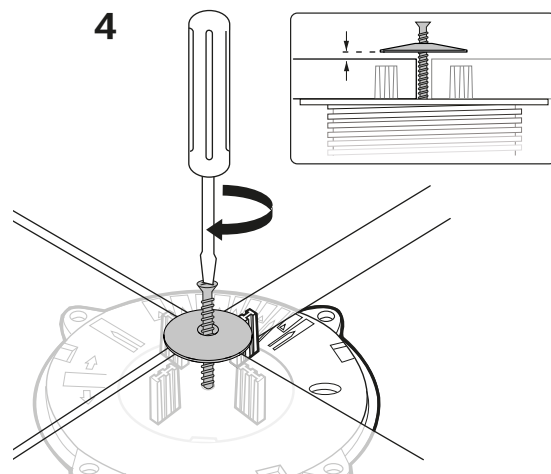
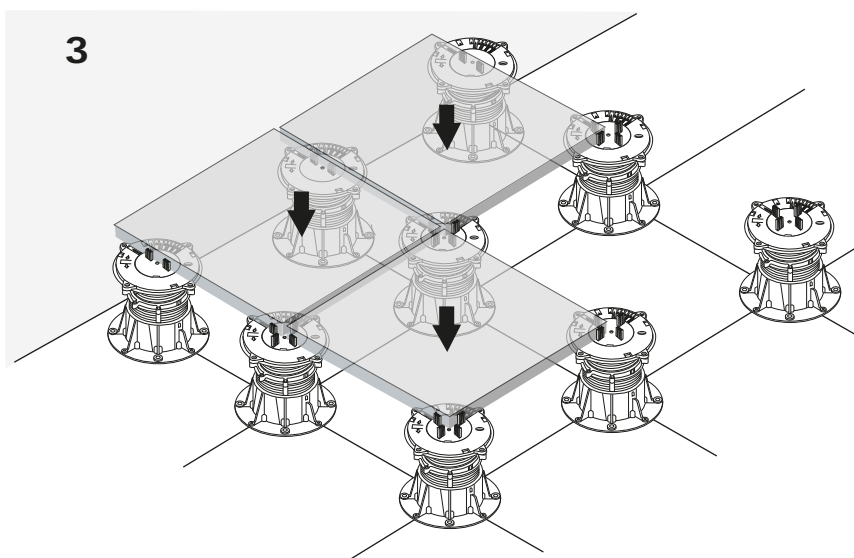
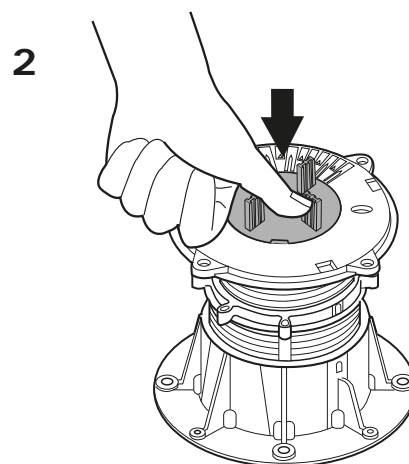
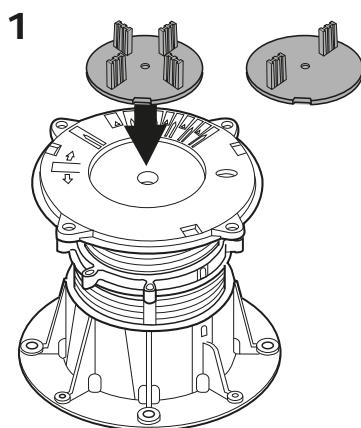
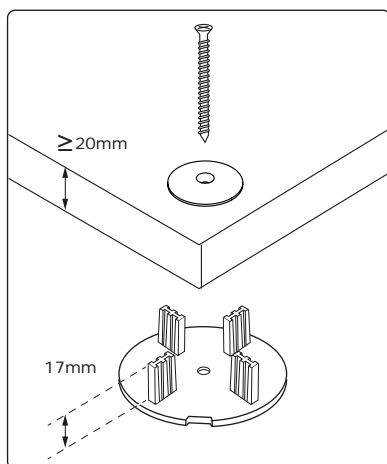
# Datasheet

## Screw WR washer



### Characteristics

Art N° Wuerth	012724245
Material	Stainless steel (A4)
Colour	Natural stainless steel
Dimensions	$d_1 = 4.2\text{mm}$ $l_1 = 45\text{ mm}$ $k_1 = 2.6\text{mm}$ $d_k = 8.4\text{mm}$





# DPH-KIT-WR

Ref. AIP-DPH-KIT-WR Rev.07

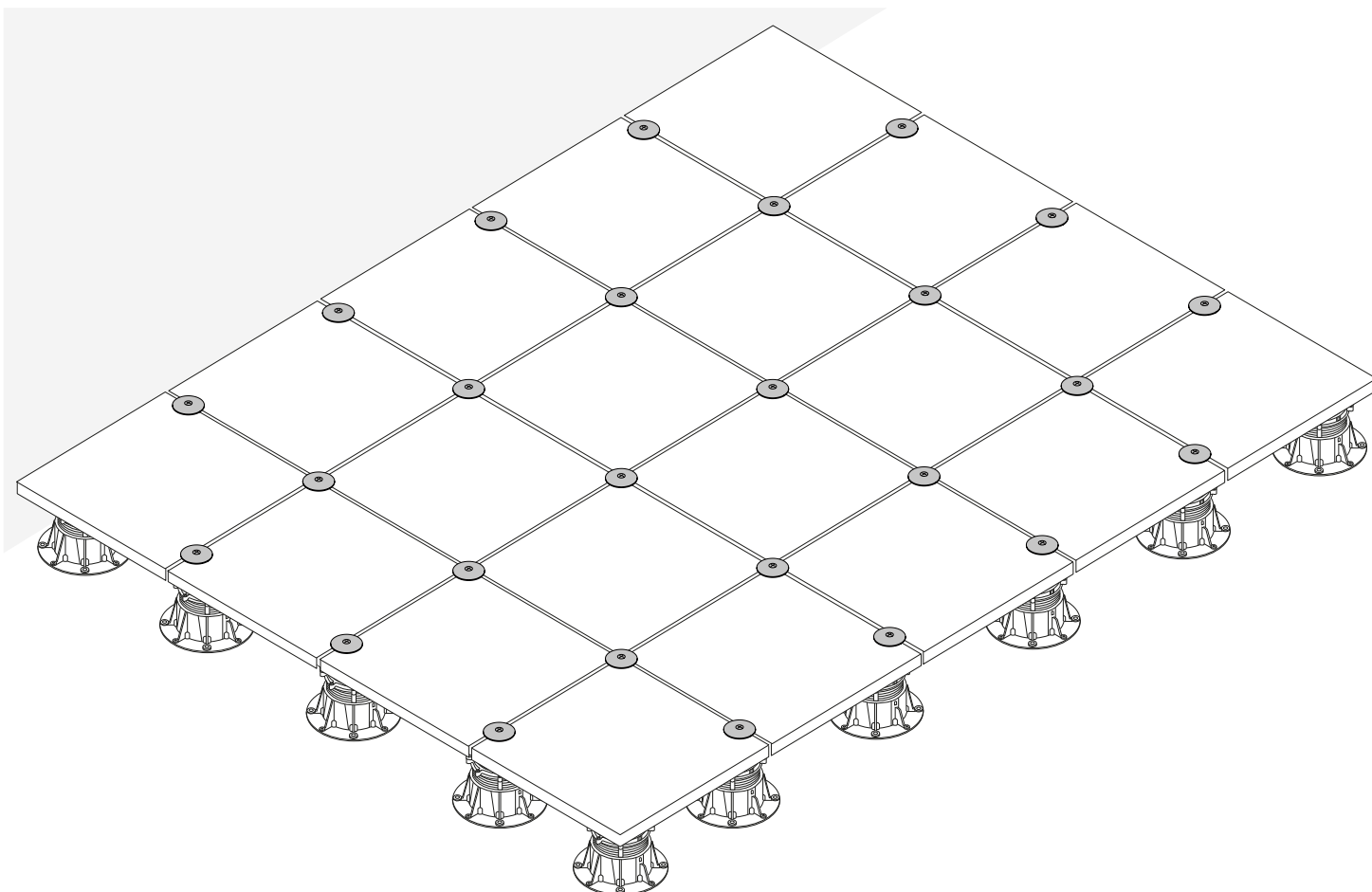
DPH-2-PH5 → DPH-13-PH5

p.2/2

06/01/2017

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7



# Installation

## DPH-KIT-WR



**BPI-T 05 REV 00**

**Traction Tests DPH-KIT-WR**

*Buzon Pedestal International*

in collaboration with

*SIRRIS*



## **Objet : Traction tests DPH-KIT-WR du 20/12/16**

### **1. Introduction**

In order to obtain confirmation of the results obtained previously, we did the "DPH-TABS-4,5mm-H17mm-POM-AW" traction test. This time we assembled the final complete system.

### **2. Tested products**

We tested each of the following assemblies three times :

1. Concrete slab + glue Mapei MS 45 + DPH-5-PH5 + DPH-TABS-4,5mm-H17mm-POM-AW + U-WASHER VIS + U-WASHER 50mm
2. Concrete slab+ glue Mapei MS 45 + U-PAD-200x200x10 + glue Mapei MS 45 + DPH-5-PH5 + DPH-TABS-4,5mm-H17mm-POM-AW + U-WASHER VIS + U-WASHER 50mm



### 3. Tests

A traction system has been specially designed for these tests, in order to exert the traction force exclusively via the U-WASHER, as it would be in real situation. The position of each element and the traction itself are therefore strictly identical in all the tests.

Please find below the pictures of this system.

#### **Without U-PAD**

We found two different reactions to the traction test. On the three tests performed the first reaction was repeated twice and the second only once.

The first being the "sliding" of the POM tray through the central hole of the pedestal head. The fasteners of the POM tray "slide" through the hole of the head of the pedestal by creating light cuts. This deformation is normal since the POM is harder than the PP. When we observe this reaction, the traction force is between **99** and **102 kg**.

The second reaction is different. These are the POM tray fasteners that have broken without "sliding" through the head of the pedestal. The traction force during this test is **121 kg**. The first hypothesis is that it can have a variable in the dimensions of the pieces. Slightly larger fasteners would therefore induce this behavior.

#### **With U-PAD**

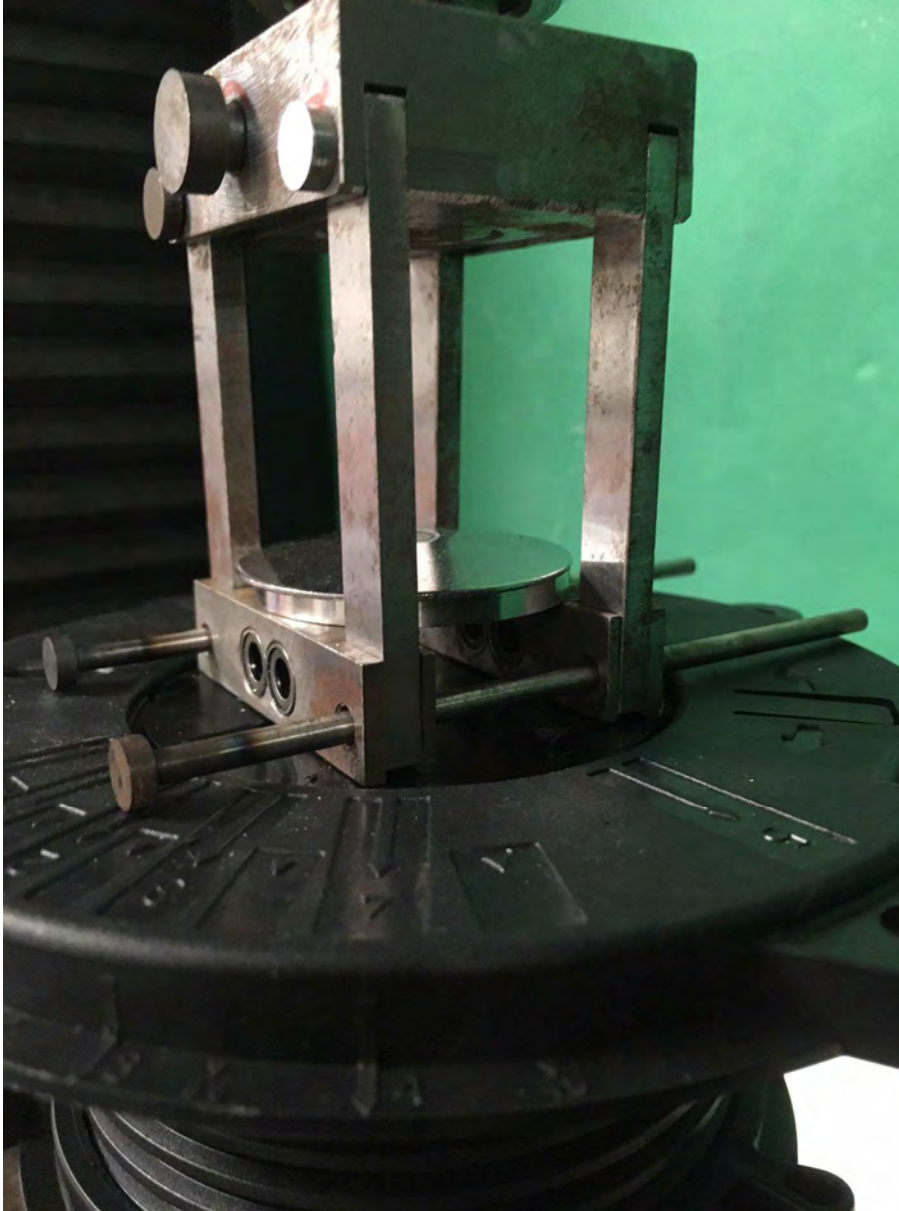
We have also observed the same two different reactions to the traction and this with the same distribution.

When the POM tray slides, the traction force is between **99** and **101 kg**. When breaking the tray fasteners, the pull-out force was **122kg**.

**To get the Buzon security value, divide the load indicated by 2.**

*The technical team of Buzon Pedestal International.*

#### 4. Appendix







## Test report of SIRRIS



Monsieur Pierre Henen  
Buzon Pedestal International SA  
Prolongement de l'Abbaye 134  
4040 Herstal

Dear Sir,

Following your analysis request, please find enclosed the test results

We stay at your disposal for any complementary information.

Best regards,

F. Schoumaker  
Responsible for the project

M. Gasparini  
Laboratory manager

### Remarks

The here-above tests results may be published or communicated provided 'test realised in Sirris' is mentioned.

Test results are valid only for the tested samples.

Liège Science Park  
Rue du Bois Saint-Jean 12  
BE-4102 Seraing  
tél. : +32 4 361 87 00  
fax : +32 4 361 87 02  
info@sirris.be  
www.sirris.be

voire reference

our reference  
6-3168 - Labtool S160309

contact  
Francine Schoumaker  
0477 841032  
francine.schoumaker@sirris.be

Liège  
21/12/2016

**TESTS REPORT**

Ref: 6-3168

**Company : Buzon**

**Concerning : Tearing test**

**Samples type**

Receipt date : 2016/12/21

Client reference :



Sirris reference: Idem

**Conditionnement des éprouvettes**

According to the laboratory normal atmosphere: Standard ISO 291

Temperature: 23°C

Humidity: 50%



driving industry by technology


#### Operator

F. Schoumaker

#### Analysis

#### Tear test

#### Methodology

Device	Test parameters
	Testing machine : Instron 4507 Load cell capacity : 10kN Speed: 10 mm/min

Instron Corporation

Type d'interface : Série 4500

Automatized materials universal testing machine Series IX 7.34.00

The testing machine is calibrated by Instron and the load cell by Schütz.

The calibration certificates of the 10kN load cell and the calibration certificates of the crosshead speed and displacement are valid and can be sent on request.

#### Tests date

2016/12/20 with the customer

#### Results

DPH Kit Antiwind – Mapei MS45 without Urub

Sample	Tear load DaN	Tearing type
1	99.12	Sliding
2	121.3	Failure
3	101.9	Sliding
Average	107.5	

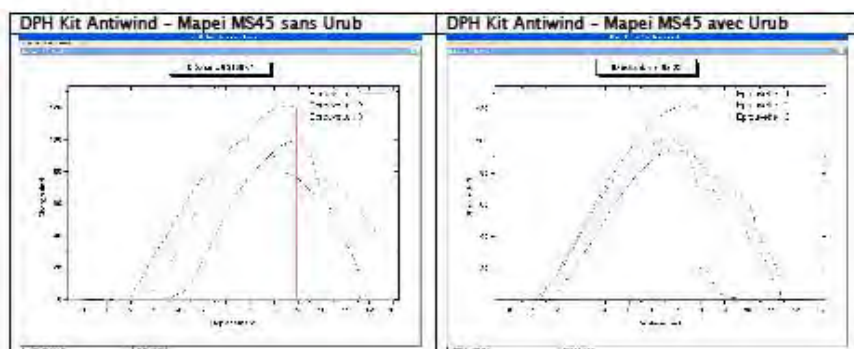


driving industry by technology

## DPH Kit Antiwind – Mapei MS45 with Urub

Sample	Tear load DaN	Tearing type
1	99.64	Clissement
2	101.4	Clissement
3	122.2	Rupture
Average	106.1	

## Results graphs



Nb: Test results are valid only for the tested samples.