



DAIEM® CROSS SPACERS

Green Roofs Roof Terraces Constructions

...Green Up the Roof!

DAIEM®

DAIEM® CROSS SPACERS

- Unlimited laying patterns ☒
- Innovative ☒
- Aids surface drainage ☒
- Easy to install ☒
- 3 joint sizes in 3 colours ☒

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FK-5-UFO / FKG-5-UFO CROSS SPACERS

FK- 3 / 5 / 10 (black)
FKK- 3 / 5 / 10 (transparent)
FK-5-UFO (black) / FKG-5-UFO (gray)

■ **Product Description**

The cross spacer family secures the permanent spacing for exact and fast process of laying down paving slabs, thereby increasing the aesthetic appearance of the terrace and supports surface water drainage.

■ **Application**

In case of paving a terrace with concrete slabs, cross spacers are strongly recommended to be used. With any other surfaces apart from the roof, FK cross spacers ensure quick installation, enhance drainage properties, and are practical for the most attractive implementation of the laying pattern.

■ **Unique Features**

Cross spacers are also user friendly in case slabs need to be replaced. Thanks to the wedge-shaped top edge of cross spacers, slabs can be easily laid. Cross spacers are very practical for repairing slab paving, because the wedge-shape top part makes it easier to replace or install paving slabs. That is why the wedge-shaped top edge has to be laid upwards.



■ **Installation**

The cross spacers should be installed tightly and parallel with the paving slabs to ensure the slabs fit to-

gether as planned. The quantity of spacers needed will depend upon the layout pattern and the paving.



FK-5-UFO cross spacer



FK black cross spacer



FKK transparent cross spacer

FK-5-UFO / FKG-5-UFO

Cross spacers for ceramic and thin concrete slabs



FK-5-UFO / FKG-5-UFO CROSS SPACERS

**■ Product Description**

The FK-UFO cross spacer with support plate consists of a \varnothing 70mm (FK-5-UFO) and a \varnothing 50mm, 1mm thick black (FK-UFO) or gray (FKG-UFO) recycled polystyrene round plate and a 5mm (FK-5-UFO) or a 3mm (FK-3-UFO) thick 70x70x9mm (FK-5-UFO) or a 50x50x9mm (FK-3-UFO) cross spacer. The total thickness of the product is 10mm.

■ Application of FK-UFO

The UFO cross spacers with support plate ensure the necessary gaps for water drainage in between and under the paving slabs. They also help to provide stability and an aesthetic, even appearance for the surface paving. The UFO cross spacers are specially created for ceramic slabs or thin concrete slabs, so that because of their small height, they are not visible. The gray colour of the FKG-UFO cross spacer is highly recommended for light coloured ceramic slabs.

■ Advantages

- May be used as a cross- or T-shaped spacer, so it can be laid in any patterns (e.g. stack bond and running bond patterns)
- The support plate hinders the cross spacers to sink into the gravel layer
- The gabled form makes it easier to place or to replace slabs
- The 10mm height suits 20mm-thick ceramic slabs or thinner concrete slabs
- The choice of colours (black or gray) lets the cross spacers match the slabs

Using the FK-5-UFO and FKG-5-UFO

When the FK-5-UFO is used on crushed stone bed, it is enough to apply a 5mm-wide cross spacer (according to the FBB). A specialty is the support plate, which ensures that the ceramic slabs stay at the same level distance from each other. Thanks to the big base surface, the cross spacers will not sink into the crushed stone layer. A leg can be snapped off, this way the same cross spacers can be used again at joints and for laying patterns. When snapping off a leg, it becomes simpler to lay slabs on the edge of the paved area.



Thanks to its support plates, the **FK-UFO** cross spacers do not sink into the graving layer, thus the paving slabs can not slip.



Technical data	Unit	FK-3	FKK-3	FK-5	FKK-5	FK-10	FKK-10	FK-3-UFO	FKG-3-UFO	FK-5-UFO	FKG-5-UFO
Product n		610102	610117	610101	610118	610103	610119	610198	610200	610189	610188
Size (L x W x H)	[mm]	50 x 50 x 18		70 x 70 x 20		80 x 80 x 20		50 x 50 x 10		70 x 70 x 10	
Thickness of legs	[mm]	3		5		10		3		5	
Packaging	[pcs/box]	3000		1800		1000		3000		1800	
Weight	[kg / pack.]	17,5		23,4		15		13,5	12,5	14,8	14,3
Material required *	[pcs / m ²]	4-10									
Material required **	[pcs / m ²]	6,25-15									
Material required ***	[pcs / m ²]	11,10-26									
Material		recyc. PS	recyc. PP	recyc. PS	recyc. PP	recyc. PS	recyc. PP	recycled polystyrene			
Colour		black	transparent	black	transparent	black	transparent	black	gray	black	gray

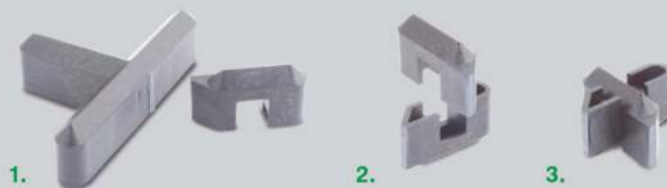
* for a slab size of 50x50cm | ** for a slab size of 40x40cm | *** for a slab size of 30x30cm
Required quantity depends on the pattern applied.

CROSS SPACERS



■ T-joint

The DIADEM® cross spacers are provided with a notch cut into the leg. When you need a T-joint spacer, the weakened leg with the notch can be snapped off easily, creating a T-joint. T-joint spacers can be used along edges and in running bond type of patterns. .



■ Advantages

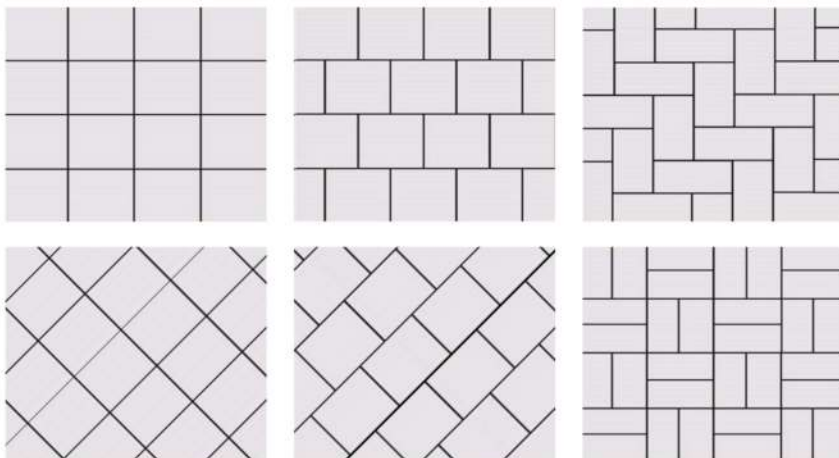
- Can be used as cross and T-joint spacers
- 3 different thickness of legs
- All sizes available in black or transparent
- Future slab repairs can be easily carried out

■ Tools Needed for installation

No special tools are required for the installation of the spacers or for snapping off the weakened legs.

■ Laying patterns

Regardless of the tiling design - parallel, diagonal, stack bond, diamond, running bond or herringbone, - DIADEM® Cross spacers are the perfect choice to speed up the laying work and to ensure even spacing between and under the tiles or paving stones.





DIADEM® Cross spacers

Frequently asked questions

■ FK / FKK



- Should the spacers be removed after the paving is laid?

When paving slabs are loosely laid, the open gaps facilitate better and faster drainage, but could also allow the slabs to move. Cross spacers will firmly secure the slabs against movement. Consequently, spacers should not be removed after paving slabs are laid down.

- What quantity should be ordered?

The quantity of spacers needed depends upon the area's dimension. When laying the slabs one has to calculate with about 1,25 pieces/slab.

- Can cross spacers be installed between paving slabs laid on other surfaces than the roof?

Yes, the use of cross spacers between slabs is recommended everywhere because they help speed up the installation and make it more appealing.

■ FK-UFO



- Do I need a gravel layer for outdoor tiling with FK-UFO cross spacers?

The greatest advantage of the FK-5-UFO cross spacer is that the support plate hinders the cross spacers to sink into the gravel layer.

- Can I use the the FK-UFO by the wall?

Its special design easily enables you to use them beside the wall. Simply snapping off the weakened leg of the cross spacer.



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