

Joint-K PED-DGA

Surface mounted Seismic floor expansion joint



Description

Joint-K PED-DGA is a very simple, yet functional and durable floor expansion joint system.

It's simple surface mounted system, makes it ideal for fast turnaround projects, since it does not need any kind of blockout, or elaborate preparation.

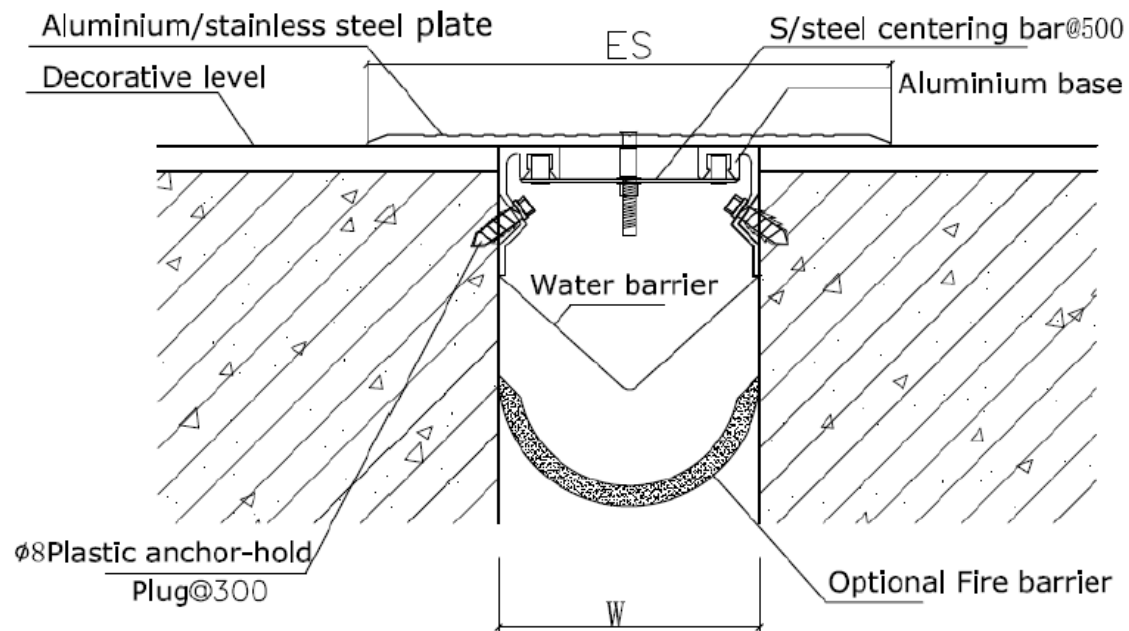
Can withstand thermal and multidirectional seismic movement, while being waterproof, due to included water barrier.

Uses

- Airports
- Hospitals
- Shopping malls
- Schools
- Hotels
- Office buildings

Features

- Very easy to install.
- No need for blockouts
- Water barrier included.
- Low profile chamfers avoid tripping.



Dimension and movement table

Joint Width(W)		150	200	Remark (plate matched with joint width)
Exposed surface(ES)		250	300	When $W \leq 150\text{mm}$, it's very hard to install.
Movement Capacity	Total	190	240	$200 > W \geq 150$, match 250mm*4.5mm Aluminum Profile
	+	90	90	$250 > W \geq 200$, match 300mm*5mm Aluminum Profile plate
	-	100	150	$W = 250\text{mm}$, match 300mm*6.3mm Aluminum Profile
Wideness of Plate(mm)		200	250	
Thickness of Plate(mm)		4	4.5	
Load Capacity(KN)		10		

Notes

1. Make sure expected movements of the structure do not exceed the limits listed in the table above.
2. Verify that the dimensions of the slab spacing is uniform.
3. Make sure you have the same level on both sides of the joint.
4. The concrete of the slabs must be at least 28 days old.