



**VEDA FRANCE**

Joints bâtiment - Building joints

# Floor expansion joint Compression seal

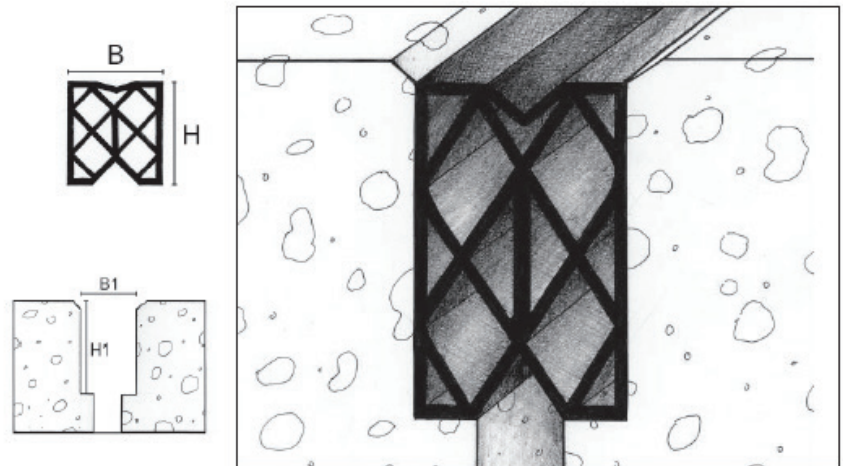
## Series CP

Our compression profile series CP is an EPDM compression seal designed for heavy traffic.

Recommended for bridges, car parks, podiums...

Resistant to UV, acid and alkali.

Easy and fast to install.



Reference number	Profile dimensions			Min. dimensions at installation		Minimum opening (mm)	Maximum opening (mm)	Movement capacity	
	Width B (mm)	Height H (mm)	Length L (m)	B1 (mm)	H1 (mm)			horizontal (mm)	vertical (mm)
CP 36	36	35	30	21	45	18	30	12	4,8
CP 46	46	37	30	25	50	20	40	20	5,9
CP 56	56	55	20	36	65	27	49	22	8,7
CP 68	68	70	20	45	85	30	60	30	12,2
CP 80	80	87	20	55	100	35	70	35	15,0
CP 107	107	90	12	70	110	50	95	45	16,4
CP 135	135	100	12	90	130	55	120	65	18,0

Property	Unit	Standard	Requirement	Result
Hardness	Shore A	DIN 53505	70 + 5	71
Density	gr / m3	DIN 53479	-	1,155
Tensile Strength	N / mm2	DIN 53504	7,5 min	12,0
Elongation	%	DIN 53504	200 min	351
Compression set (24h 70°C)	%	DIN 53517	25 max	16,5
Ozone test	-	ISO 1431-1	No cracks	No cracks

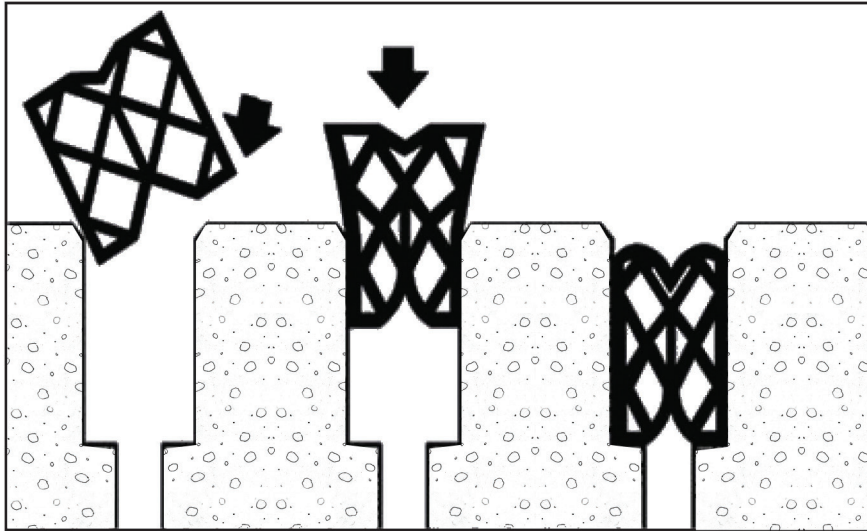
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## Installation method



1. The expansion joint opening must be straight, parallel and plumb. Concrete saws and diamond grinding disks should be used to correct any deviations.
2. Supporting seats for the seal must be at the elevation and of the dimensions.
3. A tooled edge on the corners of the concrete is desired. The radiused edge reduces the effects of impact loading from vehicles and lessens the chance of edge erosion, cracking or spalling.
4. Concrete adjacent to the expansion joint system must be sound. This should be confirmed by tapping these areas with a hammer. If a hollow sound is heard or if the concrete cracks, crumbles or loosens, the unsound concrete must be removed and repaired with a structural repair mortar.
5. Edge spalling, sharp projections and concrete voids (bug holes) shall also be repaired prior to proceeding with the joint installation. All repair materials used should have reached full cure conditions as specified by the repair material manufacturer. All obstructions such as form work and refuse shall be removed from the joint opening.
6. Areas that are repaired must also be double-checked by tapping them with a hammer. If a hollow sound is heard or the repaired area cracks, crumbles or loosens, the unsound repair must be completely removed and repaired again with a structural repair mortar. Access to the bonding surface of the interface walls must be free and cleared.
7. Prior to progressing with the installation of the seal, clean the interface walls of the concrete to remove any laitance, loose material, dirt, grease, oil, etc.
8. Select the seal
9. Starting by one end of the seal, gradually compress and push the seal into the joint gap
10. Install the seal to make its top approximately 5 mm below the adjoining concrete surfaces.

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