

Compression profiles

For joints with edge protection

Description

Our compression profiles are rubber sealing sections that absorb movements and provide comfortable traffic. The benefits of the system depend on the mechanical properties of the sealing section, proper housing design and execution and quality of the edge guard and paving in the vicinity of the joint.

Design

The cross section of these profiles is reinforced bees panel, a design that allows maintaining a suitable pressure against the walls of the joint, without causing permanent deformation. The profiles are used in serrated or pre-shaped joints, being very important a correct joint geometry and dimensions of the joint in the structure to ensure correct performance.

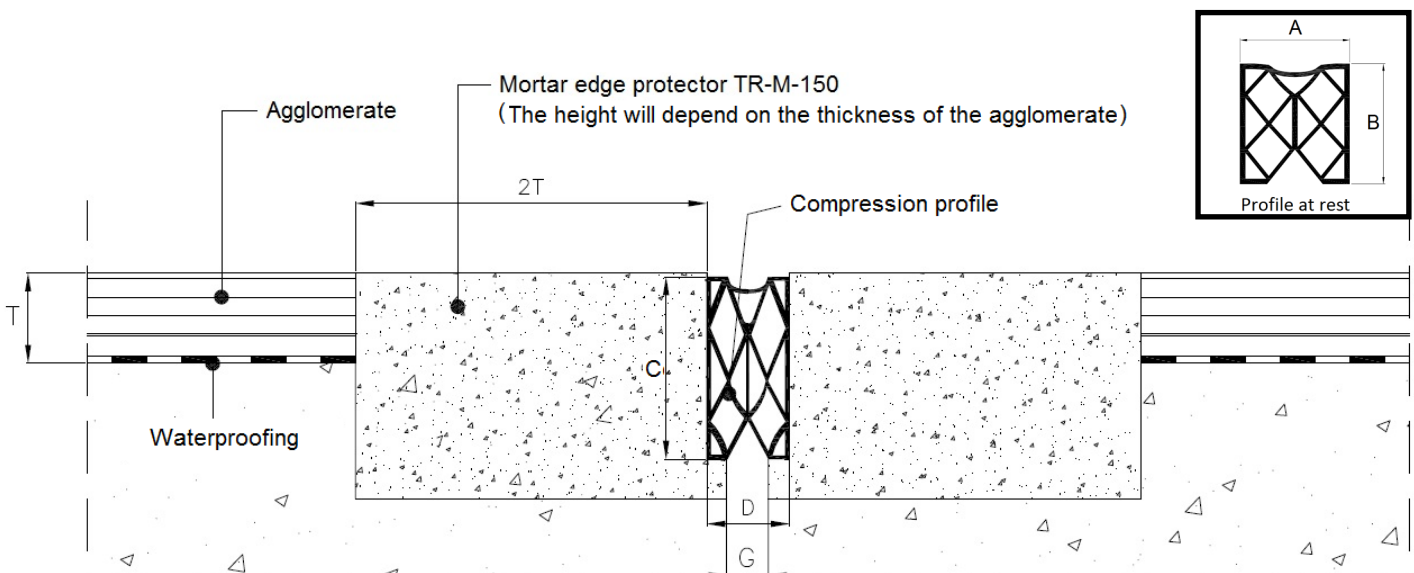
Drains

In black pavement, the inclusion of effective drainage in the edge protector area affects decisively in the life of the joint. In this way, pumping effect and subsequent wear of the asphalt layer is prevented.

Waterproof

Properly installed compression profiles provide a sufficient degree of waterproof in most cases. However, when waterproof is a mayor need, as in car parks, additional or alternative Transflex systems must be designed.

The compression profiles J-150, J-250 J-350 y J-450 absorb movement ranges of 18, 25, 42 and 50mm.



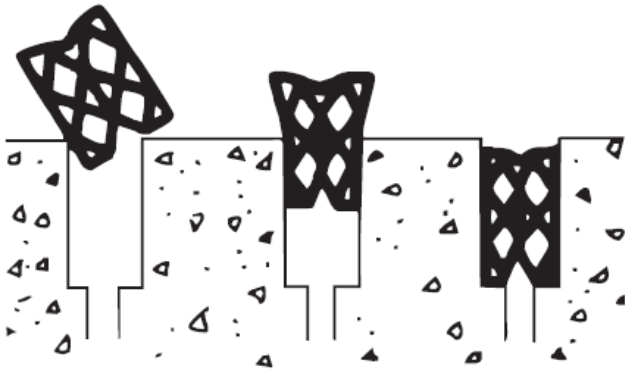
Models	Profile at rest		Profile installed			Movement Capacity (mm)	G (mm)
	A (mm)	B (mm)	D average (mm)	C (mm)	D (mm)		
PC J-150	46	39	26	40	17 a 35	18 (±9)	15
PC J-250	64	70	45	80	32,5 57,5	25 (±12,5)	20
PC J-350	89	89	58	98	37 a 79	42 (±21)	30
PC J-450	114	114	80	130	55 a 105	50 (±25)	35

Main applications:

Recommended for sealing expansion joints, including skewed joints, in bridge decks and other overhead structures.

Our technical department will give advice on the adequate system for your needs.

Please, contact us at: expandite@trelleborg.com



Benefits:

- Excellent recovery properties
- Long life with no maintenance
- Abrasion and impact resistant
- Thermal stability
- Weather resistant

Profile properties	J150	J250	J350	J450
Weight	0,85 kg/m	3,0 kg/m	3,8 kg/m	5,6 kg/m
Hardness at 25°C	65 ±5 Shore A	65 ±5 Shore A	65 ±5 Shore A	65 ±5 Shore A
Tensile strength	110 kg/cm ²	110 kg/cm ²	110 kg/cm ²	110 kg/cm ²
Elongation at break	400% min	400% min	400% min	400% min

Properties of TR-M-150 mortar

	24 hours	7 days	28 days
Compression strength	260 kg/cm ²	560 kg/cm ²	570 kg/cm ²
Flexural tensile strength	46 kg/cm ²	55 kg/cm ²	61 kg/cm ²
Storage	12 months in original packing in cool and dry place (below 25°C)		
Packing	25 kg bag		

Notes:

- We strive to provide reliable technical information of our products. Recommendations or advice on their use have been made in good faith based on our experience. However, it is the user or designer responsibility to ensure that each product satisfies the intended purpose and conditions for use are adequate.
- Values stated in this datasheet correspond to mean laboratory test results and are only indicative.
- Whilst all reasonable care is taking in compiling technical data on the company's products, some changes might take place or some figures might be wrong with no responsibility for Trelleborg IZARRA. Also all recommendations or suggestions regarding the use of any products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it and hat the actual conditions of use are suitable.



Trelleborg Izarra, S.A.

C/Sierra de Algodonales, 12-14, - 28500 Arganda del Rey (Madrid) - Spain

Tel.: +34 91 870 17 00 - Fax: +34 91 870 34 65 - expandite@trelleborg.com - www.trelleborg.com/transflex