



Arsan Kaucuk[®]



ARSAN[®] COMPRESSION SEAL

www.arsankaucuk.com.tr

ARSAN KAUCUK has started manufacturing rubber technical products for various industries in Istanbul in 1957.

ARSAN KAUCUK, started production activities with manufacturing various technical products, pipe gaskets for drinking water and sewage applications in 1967 – 1968 and tire components for automotive industry in the year 1974 and performed first export with pipe gaskets to Iraq in 1985.

ARSAN KAUCUK exports nearly 65% of its production to 35 countries worldwide. The exported products are usually gaskets for drinking and waste water pipes, expansion joints, tunnel segment gaskets and elastomeric bearings.

Since 1989, elastomeric bearings have been taking place amongst our product range in increasing strategic importance.

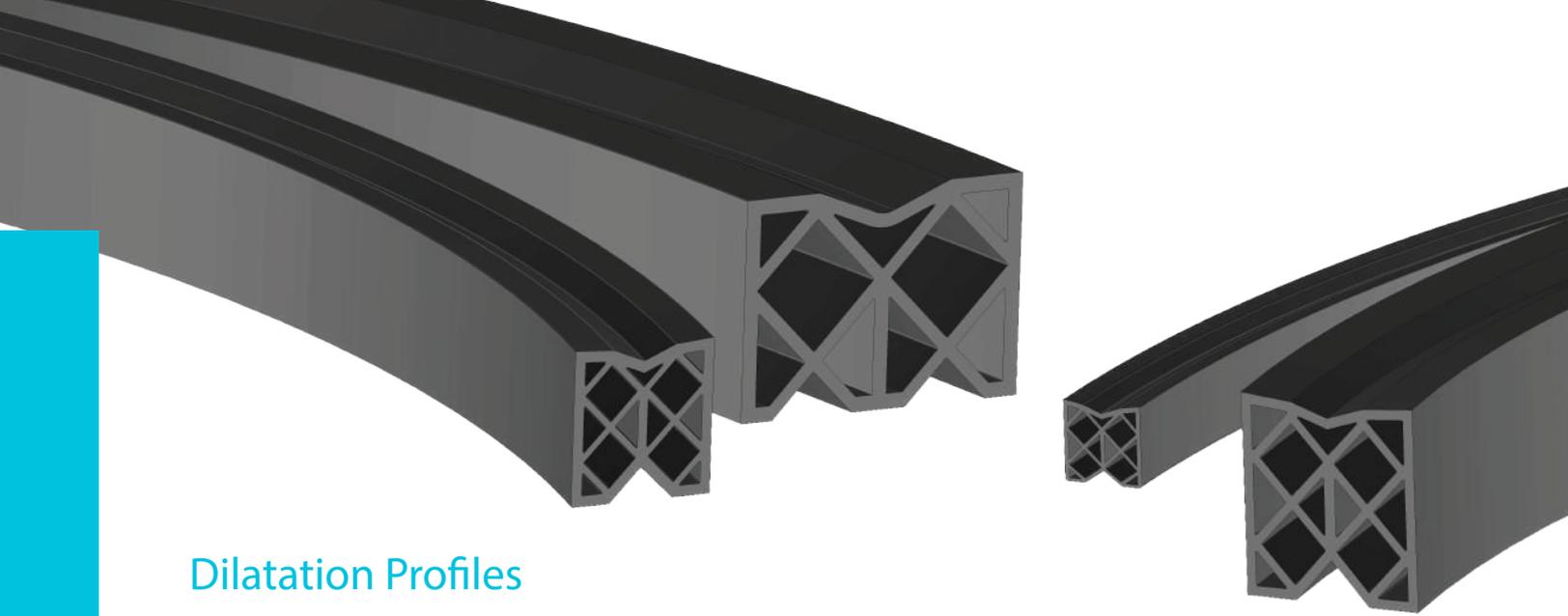
Plant has been moved to the centre of Istanbul located in Dudullu Organized Industrial Zone at the end of 1997.

The new plant has been established in a closed area of 9000 m² within a total area of 10000 m².



Arsan Kaucuk





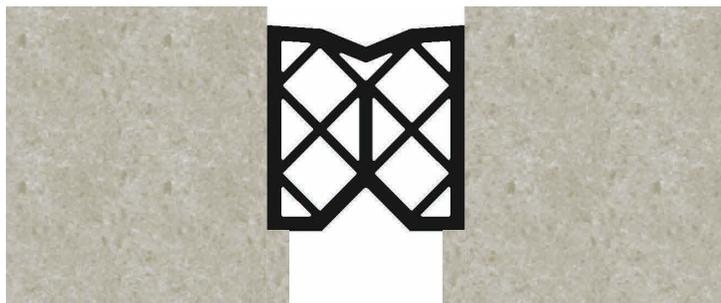
Dilatation Profiles

Properties

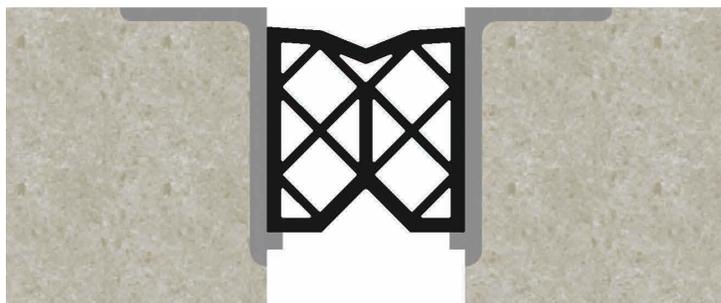
ARSAN Dilatation profiles are designed to fill the joints and gaps with their perfect ability to absorb expansion movements of up to 65mm. These dilatation profiles can stand against longitudinal, lateral and vertical movements which may occur around these gaps. The high quality rubber and the special design guarantee a long life-time and resistance to oils, fuels, U.V. radiation, ozone and other chemicals.

Special Features

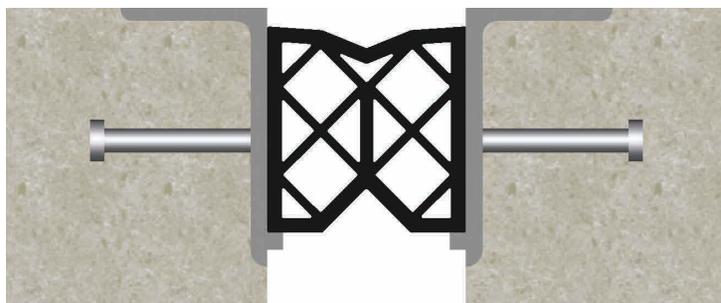
ARSAN Dilatation profiles can easily be installed on non-linear gaps, bends and gradients thanks to the elastic capability of high quality rubber. These profiles can be used in parking areas, bridges, industrial floor applications and under speed bumpers.



CONCRETE SURFACE

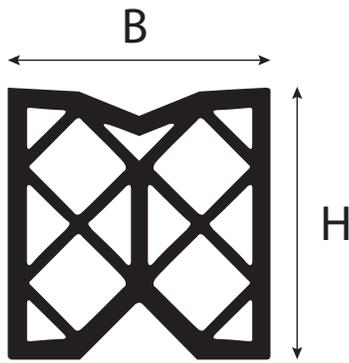


STEEL ARMoured SURFACE



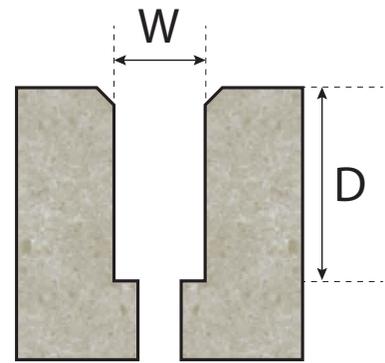
ANCHORED STEEL ARMoured SURFACE

Technical Data of Movement and Dimension



"W" is the minimum value of the gap on which the profile can be installed and this should be adjusted according to the temperature.

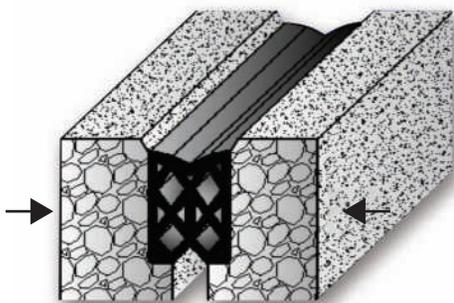
"D" is the ideal joint depth for efficient absorption.



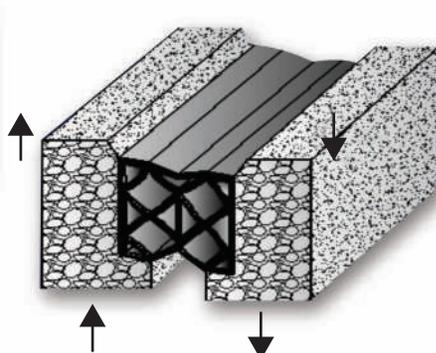
Product Name		Product Dimensions		Movement Capacity	Joint Gap		Min. Dimensions At Installation	
		Width (B)	Height (H)		Min.	Max.	B ₁	H ₁
		mm	mm		mm	mm	mm	mm
ADP - 15	Type 1	34	30	15	14	29	21	40
ADP - 20	Type 2	43	38	20	17	37	26	50
ADP - 25	Type 3	56	52	25	23	48	34	67
ADP - 30	Type 4	65	60	30	26	56	39	76
ADP - 35	Type 5	77	70	35	31	66	47	88
ADP - 40	Type 6	86	80	40	34	74	52	100
ADP - 45	Type 7	100	90	45	40	85	61	113
ADP - 50	Type 8	115	95	50	47	97	70	119
ADP - 60	Type 9	125	100	60	49	109	76	125
ADP - 65	Type 10	130	105	65	50	115	79	131

Axial and Torsional Movement Capability

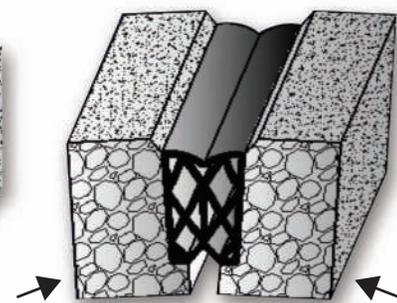
Absorption of Horizontal Movements



Absorption of Vertical Movements

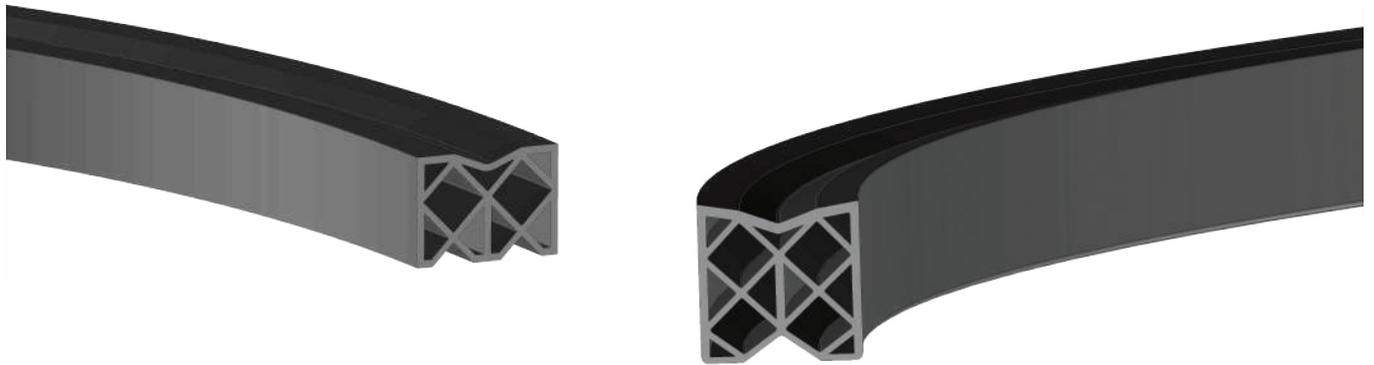


Absorption of Torsional Movements



Preparations Before Installation

There must be no cracks or broken parts on the sides or corners of the joints. Also, all the surfaces which will be in contact with the rubber profile must be free of dirt, oil, water, stones and other unwanted materials. In addition to this, the elastomeric profile must be cleaned very well like the internal surfaces of the gap as explained above.

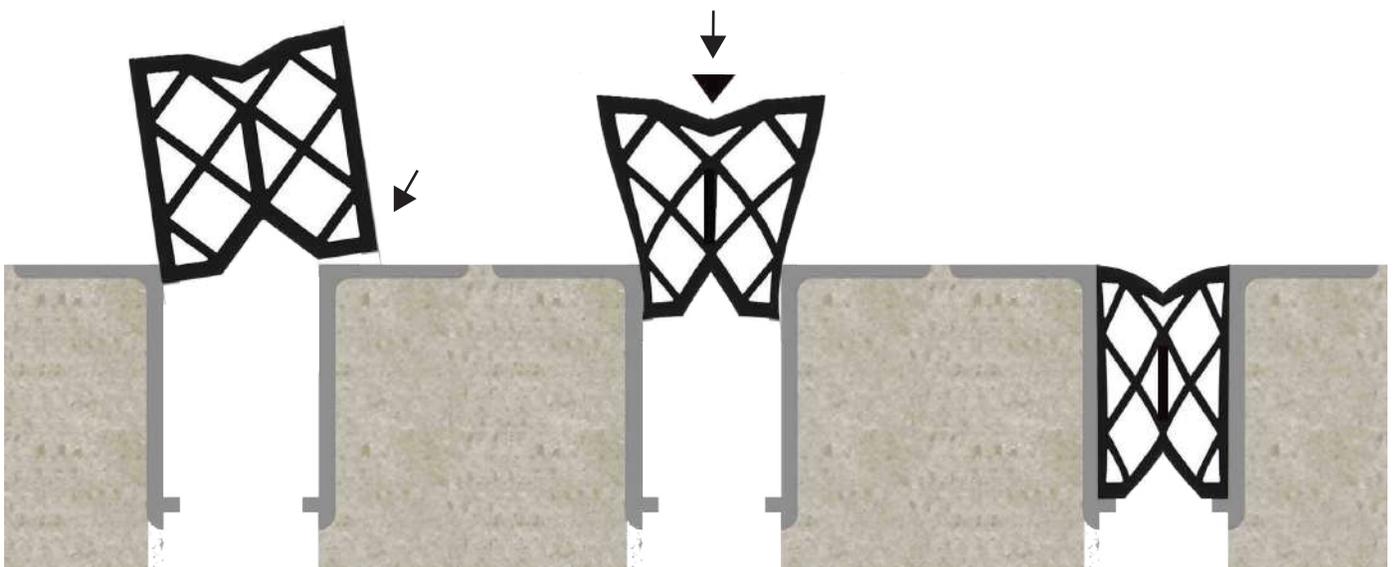


How to Install

ARSAN compression seals installation is typically into either a concrete surfaces or between steel armoured surfaces. In anchored steel surface, the anchor bolt is recommended to be welded into rebar.

In the installation process, the ARSAN dilatation profile must be protected from too much tension and compression as well as torsional forces. Some special agents can be used for easy sliding and bonding of the profile.

Smaller types can be placed inside by the help of a caulking tool and a rubber - faced hammer. For larger sizes, special joints rams can be used. The temperature of the environment must be considered very well for adjusting the dimensions of the gap.





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ARSAN KAUÇUK PLASTİK MAKİNA SANAYİ ve TİCARET A.Ş.

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