

COMBO JOINT

DOSHIN COMBO JOINT system is an upgraded, modification and combination version from the common characteristic of anchorage elastomeric joint and rubber seal joint system.

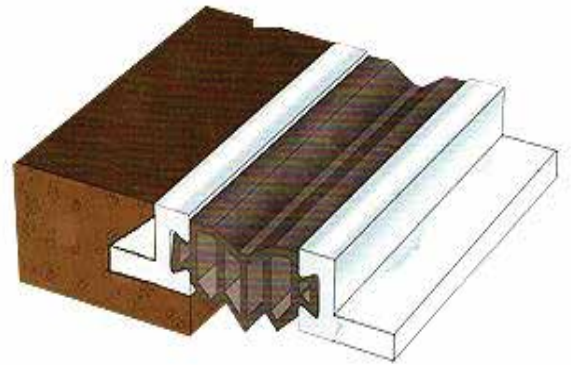
DOSHIN COMBO JOINT system is composed of FIVE main components:

1. Flexi seal (High-Performance Chloroprene Rubber)
2. Alloy rail (Grade 6061/T6)
3. Integrated anchorage system
4. Flexi crete (Polymer modified compound)
5. Leveling screed (High strength epoxy mortar)



FEATURES

- Excellent durability and easy installation
- Ability to cater for multi directional movement and loading
- Highly resistant to most kind of chemical and weather conditions
- Non-brittle and fast curing nosing
- Perfect waterproof properties
- Comfortable riding and anti-skidding
- Easy to suit any general changes in level or direction



Dimension

Model	Horizontal Movement	Vertical Movement	Construction Gap	Standard Nosing WxD
Combo 50	50	± 15	25	100x60
Combo 60	60	± 15	30	100x60
Combo 80	80	± 15	40	100x60
Combo 100	100	± 15	50	100x60

(All dimension in mm)

COMPRESSION SEAL JOINT

DOSHIN COMPRESSION SEAL JOINT series are a range of extruded neoprene seals designed for sealing expansion joints in bridge, parapet, car park, building, warehouse, tunnel and water treatment plants.

FEATURES

- Maintenance free
- Fast and easy installation
- Temperature stable
- Resistance to abrasion and puncture
- Good recovery of characteristic
- Chemical resistance and weather proof



Dimension

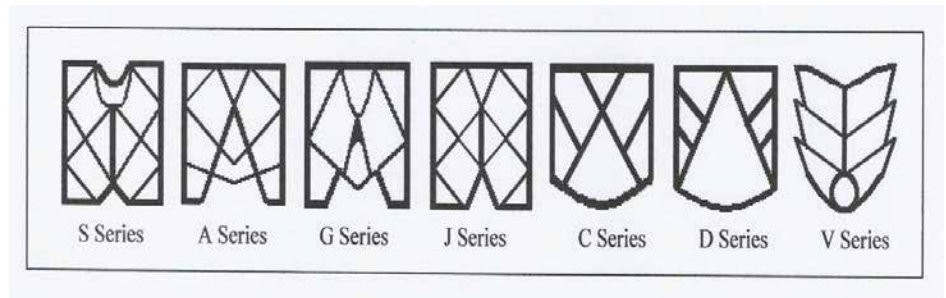
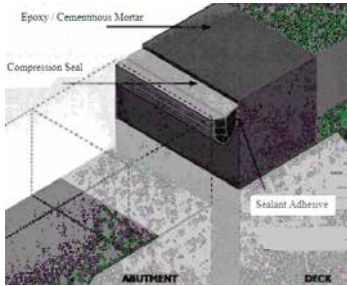
Model	Movement	W	T	Construction Gap	Nosing Depth	Nosing Width
NJ01	20	45	35	25 – 35	60	100
NJ02	30	64	45	35 – 50	60	100
NJ04	50	89	59	55 - 70	60	100

(All dimension in mm)

Material Specification

Property	Specification	Test Method
Tensile Strength, Mpa	Min. 12	ASTM D412
Elongation at Break, %	Min. 250	ASTM D412
Hardness, Shore A	70 ± 5	ASTM2240
Crescent Tear Strength, kN/m	Min. 15	ASTM624
Compression set, (70hrs/100 °C)	Max. 30	ASTM D395
Low Temperature Brittleness	No Brittle	ASTM D2137
Immersion in IRM 901, (70hrs/70 °C) Change in Volume, %	Max 5	ASTM D471
Properties after accelerated aging in air at (70hrs/100°C)		ASTM D573
Tensile Strength, MPa	Min. 10	ASTM D412
Elongation at Break, %	Min. 180	ASTM D412
Change in Hardness, Shore A	Max 10	ASTM D2240

DOSHIN COMPRESSION SEAL JOINT



PRODUCT DESCRIPTION

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FEATURES

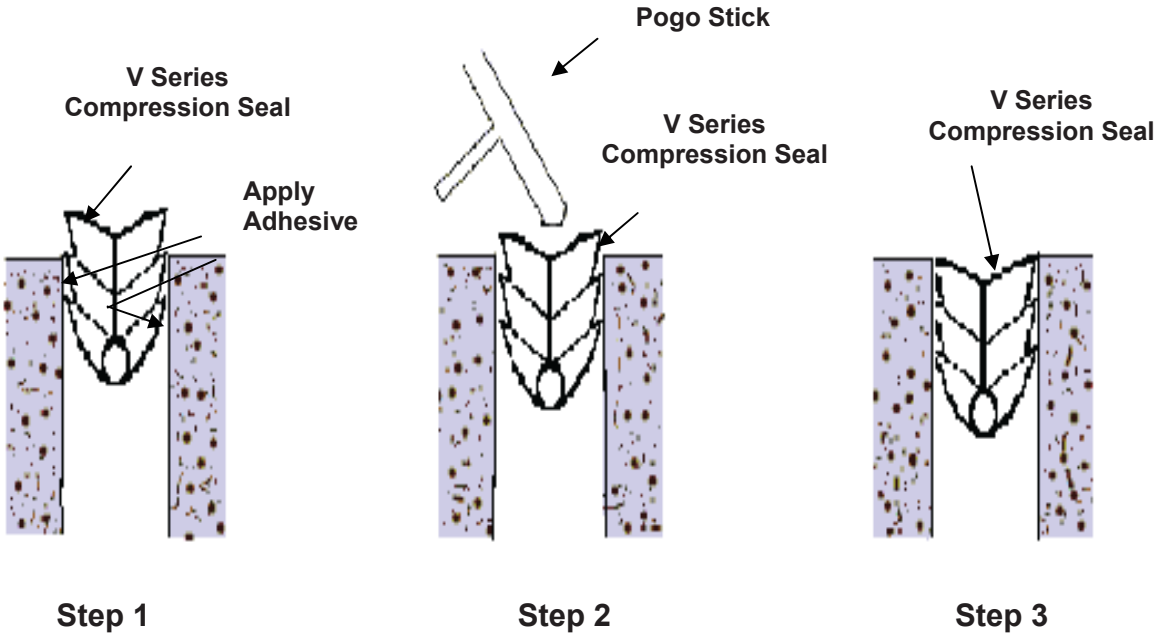
- Maintenance Free
- Fast and Easy Installation
- Temperature Stable
- Resistance to Abrasion and Puncture
- Very Good Recovery Characteristic
- Chemical Resistance and Weather Proof

MATERIAL SPECIFICATION

Specification	ASTM D3542
Material	Neoprene
Tensile Strength, min.	13.8 MPa
Elongation at Break, min.	250 %
Hardness (Shore A)	50 - 60
CS (70 hrs. / 100 °C)	40 % max.
Aging (96 hrs. / 70 °C)	
Change in TS	20 % max.
Change in EB	20 % max.
Change in HS	0 – 107 points, max.
Oil Swell (ASTM Oil No. 3) – 70 hrs. @ 100 °C, weight change	45 % max.
Ozone Resistance (300pphm / 20 % strain / 40 °C / 70 hrs.)	No Crack

DOSHIN COMPRESSION SEAL JOINT

INSTALLATION



Note:

We reserve the right to update and improve the 'Doshin Compression Seal Joint' and its specification without notice.