



COMPRESSION SEAL EXPANSION JOINT

APPLICATION

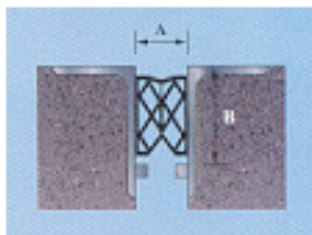
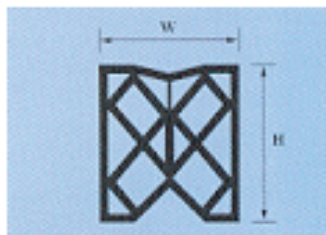
Compression Seal is an extruded profile used as Compression Seal Joint in Highways & Bridge Structure, Spillways, Dams, Parking Structures, Stadium ramps, and Pedestrian over-passes to fill the expansion/ contraction gap between bridge and superstructure.

MATERIAL

The elastomer shall be Chloroprene rubber, either of the brands of Neoprene WRT/ Bayprene 110/ Skyprene B5/ Denka S 40V and the Steel inserts are to IS: 226 or IS: 2062 – 1999.

MANUFACTURE

The compression seal is an extruded profile, and the width will properly set to the required gap and the internal modular are designed such a manner to act for expansion/ contraction movements.



INSTALLATION PROCEDURE

The qualified engineers from Kantaflex will assist the contractor to install the Compression seal properly in the provided gap at the project site.

TESTING

PHYSICAL PROPERTIES OF THE ELASTOMER: -

PROPERTIES	REQUIRED VALUES
1. Hardness in IRHD	63 +/- 5
2. Tensile Strength in MPa	11 Minimum
3. Elongation in %	350 Minimum
4. Accelerated Ageing (14days at 70degree C):	
• Hardness	+ 05 Maximum change
• Tensile Strength, %	- 20 Maximum change
• Elongation, %	- 20 Maximum change
5. Swelling behavior in ASTM Oil (165hours at 25deg. C)	
Volume change	25% Maximum change
Hardness change	10 in Shore A
