

ARCHITECTURAL EXPANSION JOINT COVER

OROFLEXSEAL – VISIBLY THE SAFER CHOICE!!

OROFLEXSEAL is an economical but effective option in treatment of seismic joint in various applications. A wide range of application for **OROFLEXSEAL** makes the system remarkably effective yet very economical. The effectiveness of the joint treatment varies with various factors affecting the movement of the joint; with the wide range capacity of **OROFLEXSEAL** movements are expected to be accommodated.

OROFLEXSEAL can bridge your gap problem. An effective solution yet very economical compared to various architectural cover. Application can be

Floor to wall treatment

1. Floor to floor installation
2. Wall to wall
3. Exterior applications

OROFLEXSEAL Wall to wall can be installed without plate cover, Using EPDM rubber for exterior and SBR for interior applications.

For gap up to 100mm - Carrier rails are typically made of A36 steel plates nominal plate thickness is 3mm. The aluminum plate (threshold) covers a maximum gap distance of 100mm and slide on the other side. Thresholds are normally on top of finish floor line or as approved by the architect.

For gap above 100mm to 300mm – An A36 electro-galvanized slide-out plate is installed on top of the gap and acts as plate cover. The plate cover distributed the load of pedestrian traffic and slides out during earthquake, this movement isolates the floor and structures to potential damages. Option to use stainless steel grade 304 is also available.

PHYSICAL PROPERTIES OF ELASTOMER

ASTM D2240 Hardness 60 Durometer ShoreA

ASTM D412 Tensile Strength 2000 psi (minimum)

Elongation @ break 300% (minimum)

MOVEMENT CAPACITY

OROFLEXSEAL 50 - Up to 75mm

OROFLEXSEAL 100 - Up to 150mm