Dseal DeckSeal

One-piece water-proof EPDM expansion joint seal for floor and deck joints

Description

Dseal DeckSeal is a water-proof, one-piece extruded EPDM elastomeric seal with integral nosings, bonded to the substrate with high-strength epoxy adhesive. The ribbed, hollow-cell profile and solid shoulders give a durable, trafficable surface for parking decks, podium slabs, commercial floors and industrial areas. Made in India by Dseal Solutions Private Limited.

General Data

Type	One-piece extruded EPDM seal with integral nosings
Material	EPDM rubber
Application	Floor / deck joints, parking decks, podium slabs
Fixing	Bonded to substrate with high-strength epoxy adhesive
Joint width	Up to 100 mm
Horizontal movement	Up to ±50 mm
Vertical movement	Up to ±15 mm
Lateral movement	Up to ±15 mm
Load capability	1000 kg point load

Size & Movement Details (mm)

Joint width	50	75	100
Overall profile width	228	254	279
Exposed surface	228	254	279
Joint height	19	19	19
Min. depth of recess	19	19	19
Min. width of recess	228	254	278
Horizontal movement	±25	±38	±50
Vertical movement	±10	±12	±15
Lateral movement	±5	±7	±15

Key Features

- One-piece EPDM profile, continuous watertight barrier
- Integral nosings and solid shoulders for wheeled traffic
- Epoxy-bonded to the slab edge; accommodates thermal and structural movement
- Weather, UV and ozone resistant EPDM compound
- Surface-flush, trip-free, suitable for trafficked decks

Installation (summary)

Form a clean recess to the minimum depth and width shown above; clean and dry both faces; apply epoxy adhesive; seat the seal and nosings; allow the adhesive to cure as per the adhesive data sheet before opening to traffic.