

Dseal HorizonGuard

Seismic · Horizontal Joint

— PRODUCT OVERVIEW

HorizonGuard is a seismic horizontal joint system that uses a sealant-and-backer-rod arrangement to absorb floor-to-floor movement in seismic conditions. It is installed in horizontal joint conditions where adjacent floor levels must move relative to one another during a seismic event. HorizonGuard provides a flexible, watertight seal across the joint. The backer rod sets the sealant depth and supports the flexible sealant, which stretches and compresses to accommodate seismic horizontal movement while keeping the joint sealed.

— TECHNICAL SPECIFICATIONS

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|-------------|--------------------------|
| Type | Seismic horizontal joint |
| System | Sealant + backer rod |
| Application | Floor-to-floor (seismic) |

— DIMENSIONS

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|---------------|------------------------------|
| Joint type | Seismic horizontal joint |
| Orientation | Floor-to-floor (horizontal) |
| Configuration | Project-specific joint width |

— MATERIALS

| | |
|---------|----------------------|
| Seal | Flexible sealant |
| Support | Backer rod |
| System | Sealant + backer rod |

— PERFORMANCE DATA

| | |
|-------------|------------------------------------|
| Movement | Seismic horizontal, floor-to-floor |
| Seal | Flexible and watertight |
| Application | Seismic zones |

— INSTALLATION GUIDELINES

1. Confirm the horizontal joint width and seismic movement range
2. Clean the joint faces and ensure they are dry and sound
3. Insert the backer rod to the correct depth in the joint
4. Apply primer to the joint faces if specified
5. Apply the flexible sealant over the backer rod to fill the joint
6. Tool the sealant to the required profile for a watertight finish
7. Allow the sealant to cure and inspect for a continuous seal

— COMPLIANCE & CERTIFICATIONS

- Manufactured under ISO 9001:2015 quality management
- ISO 14001:2015 environmental and ISO 45001:2018 safety certified
- Materials selected for seismic horizontal joint performance
- Made in India by Dhawan Associates (Dseal)