

**“Gudi”** is your partner in creative solutions for acoustical problems. We have wide range of comprehensive solution for every environmental and indoor acoustic.

**Sonic Armour Vibration Damping Sheet is a unique self-adhesive vibration damping materials. It could provide consistent damping performance over a wide temperature range. It is a bitumen with added mineral fillers and synthetic rubber in combination with different metal cladding and sheet or roofing system.**

#### Usage:

- Metal Roofing – greatly reduce rain drop impact noise.
- Reduce panel vibration and resonant noise effectively.
- Vehicle Metal Panel damper.

#### Advantage:

- Environmental Friendly.
- User Friendly, easy cut. Just peel and stick.
- Good Damping property
- Waterproofing



**Dimension:** 0.98m x 10m/roll.

**Nominal Thickness:** 2.5 mm

**Materials:** bitumen with added mineral fillers and synthetic rubber

**Surface Density:** 4.5 kg/m<sup>2</sup>

**Colour Selection:** Aluminum Foil Finishes with adhesive backing.

#### Storage and Handling:

- **On Substrate Operating Temperature:** -20°C to +70°C
- **Temperature:** 10°C – 25°C
- Application: in room temperature
- Storage Period: 6 months after purchase

#### Application:

- Self-adhesive backing is provided.
- 1. Stabilizing at room temperature before applying.
- 2. Clean and dry the substrate with an appropriate cleaner so as to avoid the content of oil, grease, dust, rust or other particles.
- 3. Peeling off the protective backing and stick on the underside of a substrate by applying a constant forward and downward pressure to the surface of the damping sheet. It is recommended to use a hard timber or steel roller to assist the fixing.
- 4. Re-orientation is impossible, the damping sheet can carefully applied to the underside horizontally/vertically. It can be also fixed by mechanical fixing when it is used in the roofing system, this could prevent the downward pressure and weight of the damping sheet weakening the adhesive bonding.
- 5. Please avoid the forming of air pockets when fixing the damping sheet to the substrate.



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