

Sino-Sina Building Materials Co., Ltd

Vibration Damping Sound Insulation Mortar

Technical Data Sheet

Product Description

Vibration Damping Sound Insulation Mortar is an eco-friendly mortar for reducing noise and vibrations in floors, made from silicate cement, quartz sand, and natural elastic damping materials.

Applications

Suitable for areas with weak floor sound insulation in residential buildings, offices, schools, hospitals, hotels, and libraries.

Features and Benefits

- Eco-friendly: Uses silicate cement, quartz sand, and natural non-toxic, odorless elastic damping materials.
- High elasticity and durability: Outperforms waste rubber tire particles and recycled materials.
- Easy construction: Simply add water and stir; applies directly to floor surfaces.

Technical Data

| Project | Unit | Indicator |
|------------------------|-------|-----------|
| Operable Time | h | 2 |
| Initial Set Time | min | 90 |
| Final Set Time | h | 8 |
| Compressive Strength | MPa | 7.5 |
| Impact Sound Pressure | dB | 70 |
| Combustion Performance | Level | A |

Packaging and Storage

- Packaging: Kraft paper bags, 40kg/bag.
- Storage: Keep in cool, ventilated indoor area.

Application Instructions

1. Joint Cleaning: Ensure floor surface is clean and firm; remove dust, grease, etc.
2. Mortar Mixing: Use mechanical stirring; add mortar then water, stir 2 minutes.

3. Mortar Application: Complete within 3 hours; thickness per design, minimum 20mm.
4. Troweling: When set (no footprint), compact and smooth with wood and iron trowels.

Precautions

- Construction temperature: 5-35°C; avoid rain or freezing weather.
- Use mix within 2-3 hours; protect from moisture and sun.

Contact Information

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