

COLD PRIMER OIL



Description

Cold primer Oil is a coating made by diluting and dissolving asphalt in solvents such as kerosene, light diesel oil, or gasoline. It is mostly used at room temperature as a primer for asphalt waterproofing layers and as a complementary material for waterproofing materials.

Application range

- Building waterproofing projects
- Road and bridge projects

Packaging

15 kg/pail

Product Features

- **Excellent Flowability:** Low viscosity ensures excellent flowability, enabling rapid penetration into the pores of the substrate. This enhances compatibility with subsequent construction processes and improves adhesion between the substrate and the waterproofing membrane.
- **Seals the Substrate:** Seals the capillary pores of the substrate, enhancing its waterproofing properties. This prevents moisture penetration from above and blocks vapor from rising from below, thereby reducing the impact of moisture and humidity on the waterproofing layer.
- **Enhanced Adhesion:** Penetrates into the capillary pores of the substrate, creating an anchoring effect. After the solvent evaporates, it forms a strong bond with the substrate, significantly improving the adhesion strength between the waterproofing layer and the substrate, and creating favorable conditions for bonding with similar waterproofing materials.
- **Easy Application:** Easy and quick to apply, it can be applied at room temperature without heating, simplifying the process. This avoids issues such as smoke and odor associated with traditional hot asphalt construction, improving construction conditions, reducing pollution, and ensuring construction safety.

Construction Guidelines

- a Substrate Preparation: Before applying the cold primer, the substrate must be cleaned to ensure the surface is clean, smooth, and free of dust, oil, and other contaminants. The cement concrete substrate must be dry, with a moisture content below 10%.

- b Construction Environment: Avoid construction in rainy, foggy, or dew-laden weather. The ambient temperature during construction should not be below 5°C.

- c Application Method: Generally applied by brushing or spraying. The application must be uniform, with no missed areas, exposed substrate, or pinholes. Subsequent waterproofing layers may only be applied after the cold primer has dried.



Technical Index

NO.	Items	Index
1	Solid content	17%
2	stickness, MPa · s	100
3	Surface dry time, h ≤	4
4	peel strength, N/mm ≥	0.3
5	Peel strength after immersion, N/mm ≥	0.3
6	heat resistance	55°C, no flow
7	Low-temperature flexibility	5°C, no flow

Storage and transportation

Transportation: The product is generally non-flammable and non-explosive material and can be transported as general cargo. However, during transportation, it should be protected from freezing, rain, direct sunlight, crushing, and collision to ensure the packaging remains intact.

Storage: When storing, ensure proper ventilation, dry conditions, and protection from direct sunlight. The storage temperature should not be below 0°C, and the product should not be stacked more than three layers high.

Contact us

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