



LUCERNAPRO

Technical Data Sheet of LUCERNA SiliconePro

1. PRODUCT DESCRIPTION

- Silicone Pro is a specially formulated waterproof material designed for long-term exposure on metal roofs, cement roofs, and other exterior surfaces. This product is synthesized from a specially selected exposed-type emulsion combined with various additives. It can be applied directly onto the substrate surface and forms a highly elastic, UV-resistant, and weather-resistant waterproof film after curing for several hours.

2. Product Features

- Ready to Use: Single-component, cold-applied, no on-site mixing required.
- Eco-Friendly: Water-based formula, low odor, non-toxic, and non-flammable.
- Durability: High tensile strength and aging resistance.
- Weather Resistance: Outstanding waterproofing and UV resistance, ideal for building roofs.
- Thermal Stability: Crack-resistant and remains elastic at low temperatures.
- Ease of Maintenance: Excellent adhesion, non-peeling, and easy to repair.
- Service Life: Durable with a service life of up to 5 years.

3. Application Method

- Surface Preparation: Ensure the surface is solid, flat, clean, and free from dust or oil. Pre-wet the surface before applying, but ensure no standing water remains.
- Reinforcement: Apply one fabric-reinforced layer (polyester or fiberglass cloth) between two coating layers for detail areas.
- First Coat: Apply evenly at 1.2–1.5 kg/m² using a brush or roller.
- Second Coat: Apply in a perpendicular direction to the first coat after it dries for at least 12 hours.

3. Application Method

- Do not expose the coating to rain within 24 hours of application.
- Do not apply when the ambient temperature is below 4° C
- Avoid stepping on the surface within 48 hours of application.

Technical Specifications Standard: JC/T 864-2008	
Property	Technical Requirement
Tensile Strength	≥ 1.5 MPa
Elongation at Break	≥ 100
Low Temperature Flexibility	No cracks at 20° C (180° bend around 10mm rod)
Impermeability	Impermeable (0.3 MPa, 30 min)
Solid Content	≥ 65 MPa
Service Life	5 Years

Disclaimer: All technical information is based on our current expertise and research. Users should conduct their own tests to ensure suitability for specific applications.