



崇舜股份有限公司

JOHNSON FINE CHEMICAL CO., LTD.

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PU Heat Resistant Topcoat

FEATURES

1. PU heat resistant topcoat is a two-component high-grade anti-yellowing polyurethane paint. This PU topcoat features with pure white, high-reflective, high-gloss that can reflect 95% of the solar radiation heat to block the heat to cool the roof or building.
2. Generally the main source of heat in summer is the strong radiant heat of sunlight. After being absorbed by building materials such as cement roofs, cement walls or asbestos tiles, the heat is then conducted indoors. By the convection effect of indoor air, the heat is transferred to everywhere indoors. Besides reflects 95% of the solar radiation heat directly back into the sky, benefits from containing porous mica material, it produces a heat insulation effect like an ultra-thin wall refrigerator. Furthermore, the remaining 5% of solar heat is isolated on the surface of PU heat resistant topcoat. Thus, the heat cannot be conducted into cement and other building materials at all, thereby achieving 100% heat resistant effect.

APPLYING

1. Before applying, the main agent and the hardener must be mixed thoroughly according to the ratio 2:1.
2. PU heat resistant topcoat can be installed by spray, brushes or rollers. Use dimethylbenzenes to dilute it when the concentration is too high.
3. It'll dry and exert heat-proof effect in 8 hours after application.

PACKING

Main agent 10kgs/drum; Hardener 5kgs/drum

品質符合ISO CNS國家標準 綠建材標章





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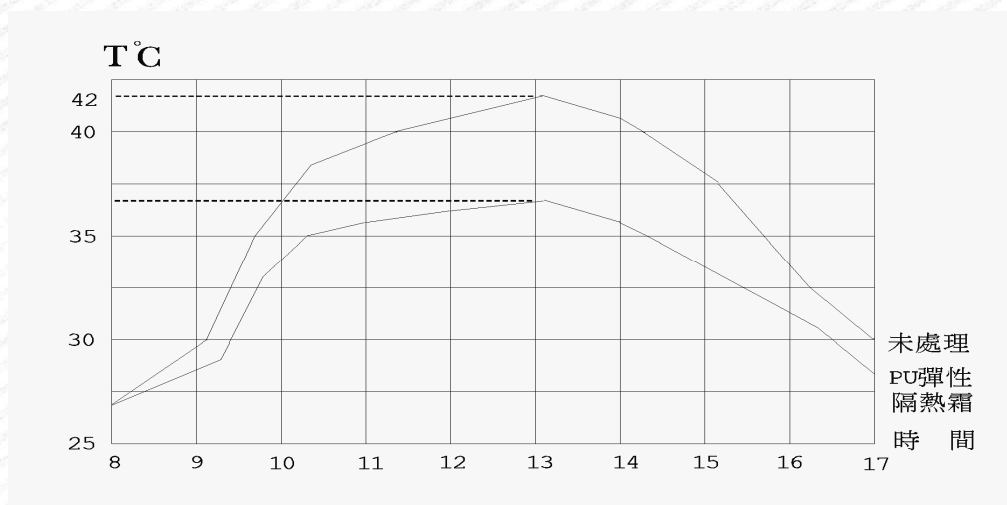
DOSAGE

- Coating on asbestos tile with $0.35 \sim 0.45 \text{ kg/m}^2$
- Coating on normal cement with $0.4 \sim 0.5 \text{ kg/m}^2$
- Coating on PU water-proof material with $0.2 \sim 0.3 \text{ kg/m}^2$
- Coating on the surface of metal with $0.2 \sim 0.3 \text{ kg/m}^2$

CAUTION

1. Do not apply before raining and it should be applied until the wet area has been exposing for 2 to 3 days.
2. This product is kind of organic solvents. Do not close to fire and keep it in the place which is humid and ventilative.
3. After mixing PU heat resistant topcoat and hardener, please use it up within an hour.
4. If skin or clothing stained with the topcoat, please use solvent with ester to clear up first and then wash with amount of water.

※ According to the test result by our lab, during the hottest period of the day, which is two o'clock in the afternoon, this product can lower roof surface temperatures by up to 6°C .



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