



慶泰樹脂

UCOOL-300 優涼防水漆

UCOOL-300 優涼防水漆系列為不黃變聚氨基甲酸酯彈性防水塗佈材料是精選低污染NDI改質並經彈性鏈結耐候性聚醇精煉而成的聚氨基甲酸酯高級機能材，形成高彈性密度的鏈結結構，具有堅韌、彈性、防水、耐洗刷、耐紫外線、耐候、耐環境污染、耐黃變等特性，做為長效性的彈性防水、耐候防熱、外牆美化之高級塗佈材料。

UCOOL-300 series product is a non-yellowing polyurethane waterproof coating material. It is selected IPDI modified by the elastic links of polyol and high-quality polyurethane material to form a highly flexible, waterproof, rub resistance, weather resistance, yellowing resistance and other characteristics, as a long-lasting waterproof, external aesthetic of the high quality coating material.

UCOOL-300 優涼防水漆為二成份型塗料，為外牆塗佈專用的不垂滴型彈性防水漆，合適於滾塗、刷塗及噴塗施工作業。

UCOOL-300 product is a two component waterproofing coatings. This suitable for all types of external wall where waterproofing and non-sagging are desired. Suitable for application by roller, brush or airless spray.

● 特性 Features :

1. 具彈性、柔韌性、高伸長抗裂性。
Excellent elasticity, flexibility, high elongation, anti cracking.
2. 防震動、減噪音、耐衝擊。
Excellent vibration & noise damping, high impact resistance.
3. 具高度密著性、防水性、耐酸雨污損性。
Excellent adhesion, waterproof, acid rain resistance properties.
4. 具防止紫外線劣化、防熱性能超優。
Excellent UV resistance.
5. 反應緩和、施工容易。
Easy application.
6. 耐候、耐老化、不黃變、為長效性塗料。
Excellent weather, aging, yellowing resistance.
7. 防止裂紋、龜裂狀滲透、可修復彌封龜裂狀牆面之防水。
Preventing cracking & repair of cracking.
8. 可彩化、美化並提升住的品質。
Addition to the aesthetic.



● 用途 Usages :

1. 室內外彈性牆用防水漆。
Waterproofing of indoor and outdoor floor
2. 室外牆用防水防熱漆。
Waterproofing of external walls.
3. 屋頂彈性防水防熱漆之面塗。
Waterproofing of flat or sloppy roofs.
4. 女兒牆面彈性防水防熱漆。
Waterproofing of parapet walls.
5. 風頭壁耐龜裂防水防熱漆。
Anti-cracking, heatproof and waterproofing outside wall coatings.
6. 外牆模樣塗料之耐候防汗防水漆。
Weather and dirt resistance waterproofing exterior wall coatings.
7. 曝外儲槽、保溫儲槽專用防水防熱彈性塗料。
Waterproofing of water storage tanks (externally).
8. 防止水泥牆面粉化、老化、劣化、中性化之機能性塗料。
Aging resistance for concrete.



● 物 性 :

1. 抗拉強度 Tensile strength	20 kgf/c m ² 20 kgf/c m ²
2. 伸長率 Elongation	150% 以上 150% above
3. 耐洗刷性 Rub resistance	1000 次以上 more than 1000 times
4. 不透水性 Impermeability	0.3mpa, 30min、不滲漏 0.3mpa, 30min、impermeable
5. 耐鹼性(168hr) Alkaline resistance(168hr)	無異常 no change
6. 耐老化(168hr × 70°C) Aging trsistance(168hr × 70°C)	無粉化、無剝落 no chalked
7. 耐紫外線(720 hrs) UV resistance(720 hrs)	不黃變 nonyellowing
8. 刷塗性 Operation	無刷痕、不垂滴 nonsagging



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● 性質：

1. 混合比例 Mix ratio	主劑 UCOOL-300：硬化劑 UCOOL-300A = 3：1 3：1 base：hardener
2. 固成份 Solid content	65% 以上混合漆 65% above mix together
3. 比重 Specific gravity	1.20 ± 0.05(混合漆) 1.20 ± 0.05(mix together)
4. 黏度 Viscosity	1400 cps/25°C(混合漆) 1400 cps/25°C(mix together)
5. 可操作時間 Working time	60 分/25°C 60 min/25°C
6. 指觸乾燥 Tack free time	2 hrs/25°C 2 hrs/25°C
7. 堅結乾燥 Drying time	4-6 hrs/25°C 4-6 hrs/25°C
8. 完全硬化 Fully cured	2~4 天/25°C 2~4 day/25°C
9. 塗裝間隔 Recoat	4~48 hrs/25°C 4~48 hrs/25°C
10. 塗佈量 Coverage	0.4 kg/m ² (200 μm 厚，一道塗佈) 0.4 kg/m ² (thickness of 200um per coat)
11. 塗佈方式 Application	滾塗、刷塗、噴塗 roller, brush, spray
12. 調薄劑 Diluent	PU-thinner (即 PU 專用稀釋劑) PU-thinner
13. 調薄劑用量 Amount of thinner	滾塗、刷塗免加，噴塗添加約 5 %之 PU 稀釋劑 spray coating added 5% thinner
14. 閃火點 Flash point	28.9°C 28.9°C
15. 儲存期間 Shelf life	12 個月 12 month
16. 溫度限度 Tempweature limitation	建議施工溫度 15°C ~ 35°C application temperature 15°C ~ 35°C



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