

NANO P-898 Water-base Anti Fungi Coating

Nano P-898 Coating is composed mainly of silicone. The raw materials & pigment are all inorganic resin & inorganic heat-resistant ore powder. P898 is water-base, Non-toxic, Non-caustic, and Non-flammable. It is viscosity pretty low & penetrates to cement's tiny holes to crosslink in combination with silicone, calcium, magnesium, etc. This penetration crosslink is completely different from normal wall paint bonding to cement's surface only. P-898 is a multi-purpose coating that can breathe, regulate humidity and temperature as well as protect RC structures.



【 Purpose 】

1. Apply Exterior & Interior walls of R.C. structure buildings, ex: hotels, office buildings, public projects, dust-free laboratory, hospitals, schools, kindergartens, residences, shops, basements, shopping malls, pharmacies, food factories, etc.
2. Replace traditional wall paint for friendly-use.
3. If needed the Anti Graffiti purpose, add apply P269 for top coating.

【 Features 】

- * Anti-dirty: for common dirty fingerprint, use wet cloth to remove easily without fading problem; Hardness: its hardness is higher than commercial wall paint & scrub-resistant.
- * Excellent cover ability in big area. For small leakages, it can cover well & you can save fulfilling time & cost.
- * Color gentle & delicate. Brush mark is easy to disappear.
- * Approved by Taiwan government as Green Building Material, without 8 heavy metals, extreme low formaldehyde & VOC, odorless. It can create more healthy & environmental protective home.
- * Approved by China GB 18582-2008 performance testing

【 Coverage 】

- * 10 m²/kg(75μm)

【 Drying time at 25°C 】

- * Finger touch (in 30 min.)
- * Become hard (in 3 hours).

【 Color 】

- * Please see color chart.

【 Package 】

- * 5 gallon round bucket (24kgs)

【 Tool 】

- * Spray gun, roller, and brush
- * (Before use, please mix well. 5%~10% clean water is allowed to add if need)

水性納米無機防霉漆 P898

水性納米無機防霉漆，硅樹脂為主要結構體，具強效吸水性，能傳輸水氣及吸水，當濕度高，吸收空氣中的水氣，當溫度高時釋放水氣調節溫度，避免 R. C. 結構濕度過高產生壁癌，環保水性防霉漆，是多功能漆會呼吸調節濕度及溫度，來保護 R. C. 結構。

【 應用範圍 】

- * 混凝土建築物室內外牆

【 特性 】

- * 奈米無機
- * 水性無毒，完全符合現代及未來 VOC 標準
- * 不連續膜，不會有整片脫落現象
- * 耐溶劑及抗 UV
- * 不含八大重金屬
- * 具自我清潔能力-蓮花自潔功能效應
- * 耐刷洗，耐污性高
- * 耐侯性、接著佳，持久性
- * 硅化結構之瓷化皮膜
- * 防霉，防潮濕
- * 通過台灣綠建材認證(97)GBM00184
- * 符合中國 GB 18582-2008 之檢驗

【 物性 】

TVOC	ASTM D5116~97	0.048mg/m ² .hr
甲醛	ASTM D5116~97	0.007mg/m ² .hr
八大重金屬(Cr, Hg, Ba, Se, Sb, Cd, As, Pb)ppm	ASTM F963-03	Not Detected
菌類測試(Aspergillus Niger, Penicillium)	ASTM G21	0 rating

Pinophilum, Chaetomium Globosum, Gliocladium Virens, Aureobasidium Pullulans		
耐酸性(30% H ₂ SO ₄ , spot test)	ASTM D1308-02	外觀無異狀
耐沖擊性($\phi=6.35\text{mm}$, 500g, 300mm)	CNS 10757(1995)	無龜裂, 剝離現象
耐高溫(300°C, 1 小時)	CNS 10757(1995)	表面無起泡, 膨脹, 剝離
耐鹽水性(120 小時)	CNS 10757(1995)	無異狀
百格試驗	CNS 10757(1995)	10
耐污染性(奇異筆, 毛筆, 原子筆, 鉛筆, 口紅, 油墨, 醬油)	CNS 10757(1995)	無異狀
耐洗性(2000 次)	CNS 10757(1995)	OK
防水(18 小時)	CNS 10757(1995)	OK

【包裝】

P-898 單劑底漆(5 加侖塑料桶 24KG 裝)

【塗布量】

P-898 : 5 m²/kg(膜厚 75 μm)

【顏色】

P-898 詳見色卡(光澤度: 平光)

【塗刷工具】

毛刷、噴槍(如果使用噴槍, 休息時須以酒精清洗噴嘴, 避免 P-269 阻塞)

【施工設計】

1. 請先清除施工面粉塵及雜物、油污……等, 尤其是牆面粉化層問題, 如果牆面有粉化層問題, 要先塗布固化劑將粉化層固化
2. 施工面如需括膩子(則普通膩子須加白膠 10%)平批整平一道(如為舊有水泥漆、油漆面則免此步驟)
3. 第一、二道塗 P-898(底漆), 總漆厚 0.2kg/m²(勿厚塗), 第一道與第二道塗裝間隔建議為半小時
4. 須於 P-898 底漆塗布, 完全干燥硬化一天后, 方可施作 P-269(面漆)薄塗一道 0.05kg/m²(勿厚塗)。

【注意事項】

P-898 於塗刷前, 必須徹底攪拌均勻, 變稠時可加水 5~10% 以內稀釋

【保存期限】

避免陽光直射, 保存在正常的倉庫內, 需密封好, P-898 可保存 12 個月