

Urushi-Laminated Stainless Steel Panel

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0.7 2.0 914

Synopsis :

By using Urushi-stainless steel foil which was composed of Urushi film developed by Kuzukawa Kogyo, Co. Ltd. and Kawasaki Steel's stainless steel foil, the authors have developed a new interior decoration material called the "Urushi-laminated stainless steel panel." The Urushi film and stainless steel foil were bonded with epoxy modified polyester adhesives, and then the Urushi-stainless steel foil and the stainless steel panel were bonded with the thermo-sensitive adhesive film of thermo plastic polyolefin resin. The authors have found by experiments that the thermo-sensitive adhesive films and press bonding conditions of respective adherents are satisfactory. The laminated Urushi

漆ラミネートステンレス鋼板パネル*

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要旨

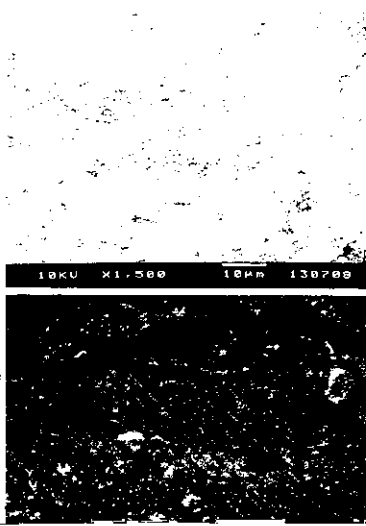
葛川工業㈱で開発した漆フィルムと川崎製鉄㈱のステンレス箔からなる複合材料は新規な漆製品であり、新しい内装建材「漆ラミネートステンレス鋼板」を開発した。漆フィルムとステンレス箔の接着は、エポキシ変性ポリエステル接着剤を用い、漆-ステンレス箔

要があり、かつ漆の経時硬化能力を損なわずに加工すること。

(2) 耐熱性, 耐寒性, 耐水性, 耐湿性, 耐薬品性および耐衝撃性



Clear polyester film
(60° specular gloss:
79.1~80.6%)



Kneadmat polyester film
(60° specular gloss:
77.6~81.0%)

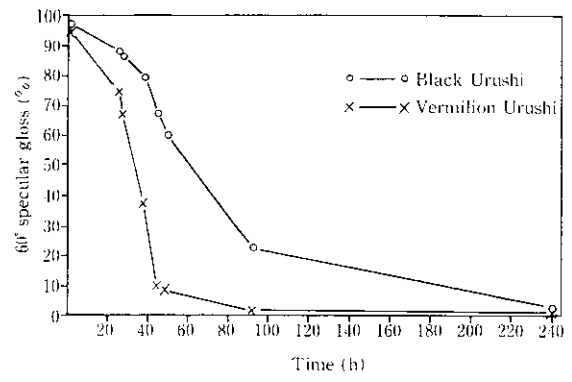


Fig. 7 Weather resistance of Urushi-laminated stainless steel panel

Kobe fashion mart
building



Mural panel in the
reception room

