



BRESCIANI

Restorasyon ve Koruma Malzemeleri ve Ekipmanları



TEKNİK VERİ SAYFASI

ver.1/1

PARALOID™ B72

Art. 21241

Formerly known as Acryloid B 72 Solid Grade Thermoplastic Acrylic Resin

General-purpose resin with excellent flexibility, transparency, water resistance, resistance to acids and alkalis, high durability, excellent resistance to mineral oils, outstanding resistance to vegetable and crude oils and chemical fumes, excellent electrical properties, excellent fire resistance, and low reactivity with pigments. Soluble in ketones, esters, aromatic and chlorinated hydrocarbons. Miscible with ethanol, with which it forms a milky solution; the resulting film is not completely transparent.

Main Applications:

Consolidation of stone, plaster, wood, fabric, glued Japanese paper, painted coatings, colored paintings and frescoes; binder for paints for metals, paintings, wood, etc.

Typical Applications:

In solution with varying ratios of nitro thinner, acetone, toluene or xylene:
for pre-consolidation and consolidation up to 2–5%;
10% solution for consolidation of wood and spray paints;
20% for brush-applied paints;
up to 30% for surface coating of metals;

Solubility

Recommended solvent: DOWANOL PM Art no: 54691 (low toxicity)
Acetone, toluene, xylene: good
Alcohol: partially soluble
Water: insoluble

Preparation of Solutions:

In a solvent-resistant container, add 20 to 300 grams of solid resin per liter of solvent. To avoid excessively long dissolution times, it is recommended to keep the solvent under continuous stirring and use it at a temperature of 15°C. Avoid solutions above 30% as they become very viscous.

Matting agents may be added to the solution, microcrystalline wax (from 47% of total solids), micronized silica (from 18% of total solids).





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Typical Properties (These properties are typical and do not constitute a specification)

Chemical Composition: EMA Copolymer

Physical Form: Pellets

Density: 20°C, g/cm³ 1.15

Solubility Parameter: 9.3

Tg (°C): 40

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Profesional use