



Resene Paints Limited

# Architects Memo

No 24 December 1982

## SURFACE PREPARATION

### Smoke Damaged Surfaces

#### General

The chemical composition of smoke is dependent on the composition of the material that is being burnt. As well as containing particulate carbon, smoke can contain a wide range of staining substances both solvent and water soluble. It must always be assumed that both types of substance are present in any smoke damaged area.

#### Cleaning

Over the years, experience has shown that the most effective cleaning is achieved by the use of Resene Emulsifiable Solvent Cleaner. This is scrubbed on to affected areas where it will dissolve up most of the solvent-soluble stains. The affected areas are then washed with water which emulsifies the stain-laden solvent and dissolves the majority of water-soluble stains.

#### Surface Preparation

Damaged surfaces, i.e. flaking paint, spalled plaster, should be repaired as normal.

#### Selection of Paint System

Notwithstanding the above washing procedure, remnants of stains will be left on the surface. A solvent based paint applied will block off the water-soluble stains but transmit solvent-soluble stains; a water-based paint works vice versa. Combination of the two types of paints in the one system is effective at blocking off both types of stain. Therefore, if a solvent based finish is required such as Resene Supergloss Enamel, use a water-based undercoat as first coat e.g. Resene Quick Dry Acrylic Undercoat. Where a water-based finish is required such as Semi Gloss Resene, use a solvent-based undercoat first. Resene Aluminium Wood Primer is particularly effective.

**The Management and Staff of Resene Paints take this opportunity to wish you and all who are dear to you, a very happy and relaxing Christmas, and a Prosperous New Year.**

Next Issue will be in February 1983.

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