Resene Fireguard is an intumescent coating designed to improve the early fire hazard of various inflammable substrates. It is painted on the surface of the material to be protected and produces thickening and swelling gases on exposure to fire, which will act as a barrier to the passage of heat. The protective barrier reduces the risk of fire spreading to other parts of the building and provides additional protection for the occupants. Resene Fireguard is a category 3 intumescent coating and is used specifically for the protection of interior surfaces.

**Preparation**
- Surfaces to be treated must be in sound condition, dry, free from dust, dirt, deformities and salt. Resene Fireguard is used after conventional finish painting with Resene Paint Prep and Resinseal (see Data Sheet D31).
- Glass and glazes must be removed using Resene Paint Prep and Resinseal (see Data Sheet D31). Effervescence on marble must be treated (see Data Sheet D56).
- All defects such as nails in metal before welding or any old building materials containing asbestos must be treated to improve the early fire hazard of various inflammable substrates.
- Particles and dusts from old lead or chromate based paints or old building materials containing asbestos must be treated to improve the early fire hazard of various inflammable substrates.
- Particle boards containing Cedar in their fabrication may produce undesirable staining. Primer required.
- Plasterboards must be prepared to an appropriate level of finish. Either Resene Broadwall Surface Prep & Seal (see Data Sheet D67), Resene Broadwall 3 in 1 (see Data Sheet D81) or Resene Sureseal (see Data Sheet D42) followed by drying paper is recommended in critical lighting areas.
- This product may be used to coat a wide variety of surfaces. If the surface you propose to coat is uncoated or not referred to, by a new or used area first, or contact your local Resene ColorShop or Reseal for advice.

**Thinning and clean up**
- **Application method**: Brush, speed brush, lambswool roller or spray.
- **Application**: Two coats. This provides the necessary fire protection. Water. Thin only sparingly: Stir well with a wide flat stirrer. Colour range: All Resene Colours.
- **Coverage**: 7 square metres per litre per coat.
- **Dry time (minimum)**: 30 minutes at 18°C. Do not apply in poor condition, powdery or chalky, must be primed with Resene Sureseal.
- **Primer required**: Either Resene Broadwall Surface Prep & Seal (see Data Sheet D67), Resene Broadwall 3 in 1 (see Data Sheet D81) or Resene Sureseal (see Data Sheet D42) if the surface is water stained or has yellowed due to prolonged exposure to sunlight. In every case it is recommended that the appropriate Data Sheet and Safety Data Sheet are consulted prior to application.

**Maintenance**
- **Application**: When the fireguard is no longer needed for fire protection purposes, any coatings can be removed by brushing off in most cases. Gas or diesel burners to heat coated area as this produce water that will inhibit drying and curing. Poor ventilation may affect appearance and performance.

**Further Information**
- Quick Check
- **Be PaintWise**
- **Safety and Health**
- **Product information**
- **Contact information**
- **Environmental management systems EMAS and ISO14001**
- **Equipment and materials**