

Hard-Kote

Description

Acrylic high solids coating specifically developed for set construction.

Special Features & Physical Properties

- It is suitable for interior and exterior surfaces.
- It imparts impact and structural strength to lightweight construction materials such as polystyrene.
- Highly flexible.
- Cost effective alternative to plaster.
- Hard-Kote is self-priming on typical set construction materials.
- Environmentally friendly: water-based, virtually odourless, heavy metal free.

Volatile Organic Compounds

The American Society for Testing and Materials – ASTM D3960

7 gms/litre

Recommended Substrates

- Polystyrene
- Concrete
- Solid Plaster
- Timber
- Paper faced wallboard
- Custom Wood
- Plywood.

Other materials should be evaluated for adhesion before application commences.

Pre-application

Whisk pail contents to original container volume. If required up to 50mls of water per 10 litres of Hard-Kote may be added to aid this process. Clean whisk after use.

Application Method

Application by hopper spray gun only.

Application Rates

- Minimum film build per coat 1mm
- Maximum film build per coat 3mm

Extra impact strength can be achieved on lightweight construction materials with 2 or more 3mm applications.

Thinning

Must not be thinned or intermixed with other products.

Painting

Hard-Kote may be painted with PaintPlus Scenic and/or Architectural products when dry.

Surface Preparation:

- General preparation of the surface to be coated must be completed before commencing application.
- All loose material must be removed.
- The surface must be clean, dry and free of contaminants.
- Hard-Kote may be applied directly over previously painted surfaces without the need for priming or undercoating.

Drying Times

Full water-resistant may take several days to develop in cold and/or wet conditions. Sets should be protected against rain until fully dry.

Typical dry times for a 1mm film at 20°C and 50% relative humidity are:

Touch Dry: 1 hour

Re-Coat Time: 3 hours

Dry times are dependent on such factors as film thickness, ambient air temperature, humidity level, air circulation and substrate moisture content.

Application of this product is not recommended where the surface and/or air temperature is less than 10°C.

Clean Up

All equipment can be cleaned in water.