

REPCO

DATA SHEET

01/01/2004

CI/efB		Vu3

DESCRIPTION

High Performance semi-matt waterborne acrylate paint for maintenance painting of PVC-plastisol and metal cladding. Repco is based on a special chemical and weather resistant binder.

EXAMPLES OF USE

Steel sheets coated with PVC-Plastisol, acrylic, polyester or alkyd paints, zinc-coated steel sheets, aluminium, and steel. Repco can be applied directly onto acrylic, polyester and PVDF surfaces when only minor repair of scratches is necessary.

TECHNICAL DATA

Solids volume: approx. 40%
Density: approx. 1.2 kg/l
Base paints: A and C

Colour Range

Available in white and the Tikkurila Professional and Façade Colour Collections, plus most of the British Standard, RAL and NCS Colour Ranges.
Note: The final shade will not develop until the paint is completely dry.

SPECIFICATIONS

Preparation

Surfaces must be clean, dry, and free from grease, dirt, oil, wax, water soluble salts, white rust, rust (to St2 degree), and all loose material. Use recommended Tikkurila products as cleaning agents and for mould removal. Ensure that existing coatings are well adhered to the substrate. Roughen aluminium surfaces before priming. When possible, paint new zinc-coated surfaces earliest after one year of weathering.

Priming

Prime all new unpainted zinc-coated steel sheets, aluminium and steel, as well as acrylic, polyester, PVDF, and alkyd coated surfaces with Unica Metal Primer or Rostex Super. Spot prime all bare metal and flat patches on previously painted PVC-Plastisol surfaces with Unica Metal Primer or Rostex Super. Spot prime all flat patches and minor scratches on previously painted acrylic, polyester, PVDF and PVC-Plastisol surfaces with Repco Maintenance Paint. Clean the area around scratches with White Spirit before priming.

APPLICATION

Methods: brush or spray application.
For airless spray application: use a 0.013"-0.018" spray tip (spray angle 40°-50°).
Thinning: for brush application up to 5% with water.
For spray application thin up to 10% with water.

Painting Conditions

All surfaces to be painted must be dry, the temperature of the air and surface to be painted at least 10°C, and the relative humidity of the air below 80%.

Painting

Stir the paint thoroughly and apply one or two coats of Repco Maintenance Paint, according to the condition of the surface and possible colour change.

Coverage

Approx. 8 m²/l per coat. Wet film thickness approx. 100-125 µm per coat, dry film approx. 40-60 µm per coat. The above should only be used as a guide, as actual spreading rates will depend upon many factors including texture of the substrate and application methods.

Drying Times

At 23°C and 50% relative humidity of the air: touch-dry in 1-3 hours and recoatable after 24 hours. Temperature, humidity and strength of wind can affect the drying time of Repco. When applying by brush the drying time can be prolonged by thinning the paint 5-10% with water.

Cleaning of Tools

Clean with water immediately after use.

MAINTENANCE

Depending upon exposure and elevation, one coat of Repco Maintenance Paint is normally sufficient after 10 years.

PREVENT ENVIRONMENTAL DAMAGE

Empty cans should be recycled or disposed of in accordance with local regulations. Liquid waste should be destroyed according to the local regulations.

HEALTH AND SAFETY CLASSIFICATION according to EC Directive 99/45/EC

Not classified as hazardous to health. Handle with care, avoid prolonged contact with skin and breathing of spray mist. A Material Safety Data Sheet is available on request.

TRANSPORT

ADR/RID-. Protect from frost.

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.

Manufacturer: TIKKURILA PAINTS OY, PO Box 53, 01301 Vantaa, Finland.



1. Chalky organosol surface.



2. Performing the X-scratch test on a plastisol surface in poor condition.



3. Performing a tape test on a PVF₂ surface, where a test patch has been painted with Repco. Six vertical and six horizontal scratches are made through the coating with a sharp knife, to form a grid.



4. A piece of drafting tape is carefully pressed over the grid and then ripped off quickly. If any of the paint sticks to the tape (as in the picture), it is not suitable for that particular surface.

