

DATA SHEET

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	Vu3

DESCRIPTION

Two-component waterborne floor paint for painting new, old and previously painted concrete surfaces. Akvacoat 100 is also suitable for cement plaster, brick and mineral plate surfaces.

EXAMPLES OF USE

Industrial, repair shop and storage floors subjected to light mechanical stress and chemicals. Akvacoat 100 is also suitable for garage floors, staircases, balconies, wash rooms, etc., and can be used as a floor and wall coating in food industry plants.

TECHNICAL DATA

Solids Volume: approx. 45%, depending upon the colour.
 Density: 1.3 kg/l for ready-to-use compound.
 Mixing Ratio: Clear Plastic Component (1 Volume Part) + Pigmented Hardener (2 Volume Parts).
 Note: add the clear plastic part into the pigmented hardener and mix thoroughly. (Mixing time 3-5 minutes).
 Pot-life (23°C): approx. 1 hour. Temperature can affect the pot-life.

Colour Range Tikkurila Professional Colour Swatch, Part 2 (Floors).

SPECIFICATIONS

Preparation Surfaces must be clean, dry and free from laitance, dirt, oil, wax, rust, all loose material and surface contamination. Note: Cleaning methods will depend upon the condition of the substrate to be painted. Repair all areas of failure, cracks, holes, etc., with either a suitable Tikkurila repair mortar or cement mortar. (Use only recommended concrete repair products for repairing concrete). Polished or glassy concrete surfaces should be mechanically abraded. Glossy and previously painted surfaces should be thoroughly flattened down. Note: The relative humidity of concrete and cement rich substrates should be below 97%.

APPLICATION

Methods: brush or roller.

Thinning: 5-15% with water.

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

Painting Ensure that the clear plastic part and pigmented hardener are thoroughly mixed and apply a priming coat of Akvacoat 100 thinned by up to 15% with water. Allow to dry for 16 hours and apply a finishing coat of Akvacoat 100, thinned by a maximum of 5% with water. Note: Ensure that the plastic part and pigmented hardener are thoroughly mixed prior to thinning with water.

Coverage Priming: 5-7 m²/l. Finishing: 7-10 m²/l. Wet-film thickness approximately 100-200 µm per coat. Dry-film thickness approximately 45-90 µm per coat. Actual spreading rates will depend upon many factors including texture, porosity and application method.

Drying Times At 23°C and 50% relative humidity of the air: normally dust-dry in 6 hours and recoatable after 16 hours. Avoid hard stress (abrasion, etc.) to the surface during the first seven days after application.

Cleaning of Tools Clean immediately after use with water and synthetic cleaner.

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 for hazardous waste.

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

See information supplied by the manufacturer. A Material Safety Data Sheet is available on request.

TRANSPORT

ADR/RID: plastic part 9 III; hardener-. 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. Sanding the surface.



2. Removing dust with a vacuum-cleaner.



3. Mixing of the components.



4. Application of the product.

