



UNIT B3  
SOUTH GYLE CRESCENT LANE  
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# AKVACOAT 100 FLOOR PAINT

## 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 Part, 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. 1-½ hours, changes in 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 flatted down.

Note: The relative humidity of concrete and cement rich substrates should be at least 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 m<sup>2</sup>/l – Finishing: 7-10 m<sup>2</sup>/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.



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### 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.

### ENVIRONMENTAL

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

Irritant, Xi  
Dangerous for the environment, N

Mixture ready for use contains: Epoxy resin (mw < 700), amine adduct.  
See information supplied by the manufacturer.

Irritating to eyes and skin. May cause sensitization by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### TRANSPORT CLASSIFICATION

A Material Safety Data Sheet is available at request.

ADR/RID:  
plastic part 9 III  
hardener -

Protect from frost.

lko/ome290304/101-s,0084041