



# FORMCRETE

## Concrete Surface Treatments

### FORM-FLORESEAL Surface Sealer and Water Repellent

#### Description

**FORM-FLORESEAL** provides clear, water repellent protection to exterior surfaces, such as concrete, natural stone, brick and block paving. It also binds together surface particles producing a toughened self cleaning finish. It is a blend of methacrylate and reactive silicone resins in a light hydrocarbon solvent. **FORM-FLORESEAL** offers the following:

- Restricts moisture penetration minimising the risk of surface spalling due to frost action.
- Penetrates and binds in the surface, increasing the self cleaning properties of the material and resistance to atmospheric pollution.
- Penetrates hair line cracks to provide a flexible seal.
- **FORM-FLORESEAL** does not yellow with exposure to ultra violet light present in sunlight.

#### Instructions for use

##### Surface Preparation

Surfaces should be sound, clean, free of cracks, and all traces of dust, paint, oil or other contaminants. Any surface moisture will hinder penetration, therefore the surface should be dry to the touch. Joints in paving should be sound, but if not they should be raked out and repointed with sand/cement mortar incorporating **FORMBOND SBR**. Any cracks in concrete should be treated in a similar manner.

##### Application

A wide soft brush, roller or spray can be used. Best results will be obtained by the use of a spray. This should be of a low pressure airless type, without atomisation of material at the nozzle. Firstly a light mist coat should be applied followed by a heavy flood coat within 20 to 30 minutes whilst the first coat is still tacky. Generally one flood coat is sufficient. However, when surfaces are very porous, or when a glazed finish is required, a second flood coat should be applied, again whilst the surface is still tacky. Optimum performance will be obtained when the surface will absorb no further material. Treatment should not be undertaken in freezing temperatures. The treated surface should be protected from rain for at least 30 minutes following final application.

##### Caution

Care should be taken to ensure that **FORM-FLORESEAL** does not come into contact with surfaces which could be affected by solvents, such as paint.

##### Cleaning of Equipment

Immediately after use equipment should be emptied and then cleaned with white spirit.

##### Physical Data

Characteristics: **FORM-FLORESEAL** is a low viscosity, free flowing liquid.

##### Coverage

Depending upon surface absorbency, 1 litre of **FORM-FLORESEAL** will cover 6-8 m<sup>2</sup> as a mist coat and 3-4 m<sup>2</sup> as a flood coat.

##### Curing

The surface is fully water repellent when the coating is tack-free, however the reaction of the silicone resins in **FORM-FLORESEAL** continues for up to four weeks, to create an in depth moisture barrier.

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### Storage

The **FORM-FLORESEAL** container should be sealed after use to prevent evaporation. **FORM-FLORESEAL** is flammable and should be stored away from sources of heat or naked flames.

### Health & Safety

Material should not be ingested, if ingested seek urgent medical attention. Prolonged inhalation of the vapour and contact with the skin and eyes should be avoided. If eyes are affected by contact with **FORM-FLORESEAL** wash with copious quantities of clean water and seek medical attention without delay.

**FORM-FLORESEAL** is flammable, with a flash point of 38°C and the liquid or vapour should be stored and used accordingly. In the event of fire use CO<sub>2</sub> or foam type extinguishers.

Information on **FORMBOND SBR** and other **FDI** materials is available as separate data sheets.

Refer to separate **FORM-FLORESEAL** Health and Safety leaflet.

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