

# Febcure Superclear 181

## Multi-Purpose Sealer & Concrete Curing Aid

- Tough, totally clear sealer for dust sealing, enhancing all mineral surfaces and binding friable substrates
- Can be applied to stone, concrete, brick & composite panels
- Strengthens and hardens concrete, and helps prevent drying shrinkage cracks
- Interior & exterior use

Colour	Product Code	Pack Size	Box Qty
Clear	FBCLEAR5	5LTR	4
	FBCLEAR25	25LTR	1
	FBCLEAR205	205LTR	1



## Flooring Screeds & Sealers

## Febcure Superclear 181

### Product Description

FEBCURE SUPERCLEAR 181 is a multi purpose sealer and concrete curing aid based on acrylic resins in solvent. FEBCURE SUPERCLEAR 181 conforms to the requirements of ASTM C309: Type 1 Class BAASHTO M-148 Type 1

### Typical Uses

- As a more effective and economical alternative to separate curing and priming/sealing regimes.
- Also suitable as a sealer for use on all concrete surfaces, pavers and flags.
- Economical enhancement of concrete flatwork.
- In high-rise construction to eliminate the requirement for water curing.

### Features & Benefits

- Eliminates the need for water curing and imparts a harder dust free surface.
- Non-degrading, acts as a primer system.
- Improves abrasion resistance of floors.
- Reduced labour costs and economic in use/ reduces chloride penetration.

### Instructions for Use

#### Preparation

**As a sealer for flags and stone and cured concrete:** Ensure the surfaces to be treated are clean and free from any mould or fungal growth. If oil stains are present, remove with detergent and hot water. Ensure cement composite pavers are thoroughly degreased and free from release agents, which will affect penetration. If mould and fungal growth are present, clean surfaces with EVERBUILD MOSS-AWAY as directed. All artificial stone (cement based) and all block pavers must be left for three months minimum after placing before over coating with this product. This will allow salts to leach out which otherwise may cause unsightly white patches appearing beneath the sealer, especially when the patio is wet. Application to a wet or water-saturated surface will give poor adhesion.

**As a concrete curing aid:** Wait until initial surface sheen has disappeared prior to application. The compound should be spray applied as evenly as possible to the freshly placed concrete. For horizontal surfaces the FEBCURE SUPERCLEAR 181 should be applied as soon as the initial surface sheen has disappeared from the concrete face. In the case of formed concrete, the product should be applied immediately on removal of the formwork.

#### Application

NOTE: DO NOT APPLY BELOW +5°C.

**As a sealer for flags, stone and cured concrete:** Apply FEBCURE SUPERCLEAR 181 by brush, roller or foam neoprene squeegee from a suitable container or tray. NEVER pour this product directly onto surface. Work well into joints for maximum penetration. DO NOT LEAVE SURPLUS MATERIAL ON THE SURFACE. Two coats are normally recommended, allowing 3-4 hours minimum between coats.

**As a concrete curing aid:** Wait until initial surface sheen has disappeared, then apply by spray as evenly as possible over freshly placed concrete at a rate of 4.5 to 5.5 m<sup>2</sup> per litre. For areas subject to heavy traffic, it is recommended that a second coat be applied 24 hours later.

#### Subsequent Surface Finish

The acrylic resin in FEBCURE SUPERCLEAR 181 ensures that bond is maintained with adhesives used for installing tiles, and other floor coverings.

FEBCURE SUPERCLEAR 181 will act as a primer for paint systems and will enable most surface treatments to progress with minimal delay. Typical surface treatments that will bond to surfaces with FEBCURE SUPERCLEAR 181 are:

- Water based emulsion paints or paste tile adhesives containing PVA, PVC, acrylic co-polymers/bitumen emulsions and coatings.
- Polymer modified cement systems/Epoxy resin compositions which do not rely on penetration for substrate bond.

#### Coverage

The recommended rate of application is 4.5 to 5.5 square metres per litre. When using FEBCURE SUPERCLEAR 181 for floor areas where maximum chemical and wear resistance is required, it is recommended that further coats (1 or 2 as desired) be applied after 24 hours.

#### Storage

Store in cool conditions away from direct sunlight. Avoid sources of ignition - **No Smoking**. Flammable liquid.

NB: If stored below 10°C FEBCURE SUPERCLEAR 181 may go cloudy and separate. However, on warming and agitation product will reconstitute.

#### Shelf Life

Minimum two years when stored in unopened containers according to the manufacturer's instructions.

### Performance Data

Specific gravity @ 20°C	0.82
Finished film appearance	Clear, tack free, water repellent film
Water Retention: ASTM C156	Pass
Curing Efficiency BS 7542	>70%
Drying Time	45 mins at 20°C
Cleaning	Clean all spray equipment, particularly nozzles using white spirit. It is advisable when a spray nozzle is not in use to leave it immersed in solvent.