

ACE 221 FLOWCOAT

DESCRIPTION

Chemical resistant, 100% solids, solvent free, high-build epoxy coating system.

USES

A protective coating for concrete, block, plaster, timber and fibreglass surfaces. Ideal for swimming pools and for use in dairy factories, milking sheds, piggeries, textile mills, water and sewage treatment plants, sugar mills, petrochemical industries, etc. The coating may chalk on long term exposure to sunlight and therefore is not recommended for exterior use if an aesthetic gloss finish is to be maintained. Two hardeners are available depending on application conditions.

ADVANTAGES

Solvent free, no smell. Supplied in Pre-weighed kits. Can be applied at any thickness. Cures down to 2°C (Winter Hardener). Cures to a high gloss, enamel like finish that is easy to clean and is hygienic.

APPLICATION

Kit Size Preweighed	Mix Ratio A & B	Coverage
4 kg	3 kg + 1 kg	6m ² per kg @ 165 micron thickness
20 kg	15 kg + 5 kg	

Pour entire contents of Part B (hardener) into Part A (resin) container and mix thoroughly with a stirring stick or preferably a low speed power drill and mix for at least 3 minutes ensuring to scrape well the sides of the container a few times during the mixing process. Pour the mixed epoxy immediately into a shallow tray to extend the working life. A small amount (5-10%) of Ace 221 Flowcoat solvent can be added to aid application if required, especially on the first coat. Application can be by brush, roller, squeegee, spatula etc. Tools can be cleaned with Ace 221 Flowcoat Solvent before the material has gelled. In multiple coat applications maximum adhesion is achieved between coats by applying the next while the previous one is still tacky - maximum recoating time is 10 - 12 hours at 20°C. Two coats are usually sufficient.

WORKING TIME:

<u>Winter Hardener</u>	<u>Summer Hardener</u>
15 mins @ 25°C	45 mins @ 25°C
45 mins @ 10°C	Not recommended below 10°C

TACK-FREE TIME:

4-6 hrs @ 25°C	6-8 hrs @ 25°C
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CURE TIME: To handle and accept foot traffic.

5°C	18 hours	-
15°C	12 hours	24 hours
20°C	8 hours	16 hours
25°C	6 hours	12 hours

FIRST AID

Contamination of the eyes by resin, hardener or mix should be treated immediately by flushing with clean, running water for 10 to 15 minutes. A doctor should then be consulted.

Material smeared or splashed on the skin should be dabbed off, and the contaminated area then washed and treated with a cleansing cream.

A doctor should be consulted in the event of severe irritation or burns. Contaminated clothing should be changed immediately.

Anyone taken ill after inhaling vapours should be moved out of doors immediately.

IMPORTANT

The information given in this publication is based on the present state of our knowledge but any conclusions and recommendations are made without liability on our part. Buyers and users should make their own assessment of our products under their own conditions and for their own requirements.

The use of these products being beyond the control of the manufacturer, no liability or responsibility can be accepted for any loss or damage arising from their application or use. Liability for faulty material is limited to replacement only.