

SpECcoat BC

HIGH BUILD EPOXY RESIN BEDDING COMPOUND AND SKIM COAT

DESCRIPTION

SpECcoat BC is a two-pack, solvent-free, thixotropic epoxy resin paste. The product produces a smooth layer suitable to receive further epoxy coatings or maybe used as a bedding layer for pre-cast concrete units.

TYPICAL USES

SpECcoat BC is designed to fill blow holes and repair surface defects in concrete prior to the application of epoxy coatings.

SpECcoat BC may also be used as a bedding compound for pre-cast concrete elements including bridge beams, concrete kerbs and anchor bolts. Other uses include bedding slip bricks and the installation of starter bars in concrete.

ADVANTAGES

- Non-slump and non-shrink
- Easy to use
- Chemically resistant to a wide range of common chemicals
- Trowels to a smooth finish

TECHNICAL DATA

Specific Gravity	1.74 @ 20 °C
Volume solids	100%
Compressive strength	70N/mm ² @ 7 days
Pot life	
20 °C	8 hours
35 °C	4 hours

APPLICATION

Preparation

It is essential that adequate preparation is carried out prior to the application of **SpECcoat BC**. All steel substrates should be sound and free from loose or flaking material. Grit blasting is required to produce a surface exhibiting bright metal finish and should be free of all contaminants.

Concrete surfaces must be fully cured and free from laitance, mould oil and curing compounds.

Mixing

SpECcoat BC is supplied in a two-component kit consisting of a base component and a curing agent.



The contents of the base can must be stirred thoroughly. The total contents of the hardener can should be added to the base container taking care to scrape the sides

of the can. Mechanical mixing must be used incorporating a suitable mixing paddle attached to a heavy duty, slow speed drill.

Mixing paddles are available from **Speciality Engineering Chemicals** on request.

The mixed material may be applied by a variety of tools such as trowels, scrapers, filling knives and squeegee.

EQUIPMENT CLEANING

Tools and equipment should be cleaned immediately using **SpECTop Cleaning Fluid**.

