

DESCRIPTION

Uniprime 134 Rapid is a solvent based, clear, 2 pack, low viscosity epoxy resin primer for cementitious substrates prior to application of resin topping & coating systems.

RECOMMENDED

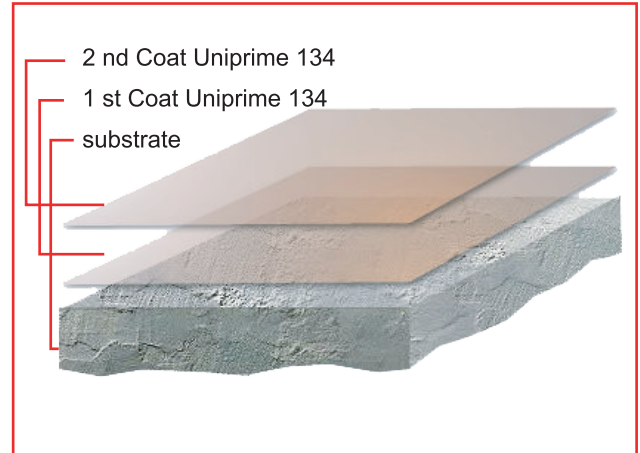
For priming of concrete and screeds, prior to over coating with resin toppings and as a surface treatment for porous substrate.

BENEFITS

- Outstanding bond adhesion.
- Fast dry, long pot life.
- Good penetration.

COLOURS

Clear amber

**Technical Data :**

Pot Life	40 min at 20°C
Tack Free	2 hours at 30°C
Maximum Over Coating Time	Within 4 hours @ 30°C
No. of Coats Recommended	1 or 2
No. of Components	2
Maxing Ratio	1:1 by volume of Part A & Part B
Packaging	5Ltr and 20Ltr
Storage & Shelf life	Unopened in dry conditions at 25°C / 12 months
Cleaner	Washing Thinner
Estimated Coverage	5m ² /Ltr/coat

NOTE: Coverage figure given is theoretical. Due to wastage factors, the variety nature of the substrate, and the site application condition, etc., the practical coverage may be reduced.

UNIPRIME 134 RAPID

A PENETRATING EPOXY PRIMER

SUBSTRATE CONDITION

Surfaces to be primed must be:-Dry to moisture content below 75% RH as per BS8203: 1987.

Sound and adequate strength for the proposed end use. Profile appropriate for the topping to be applied. Clean, free from oil or other contamination. Free of laitance.

Old concrete must be checked for contamination. Review the processes & materials used in the area previously e.g. fats, sugars, cutting oil, etc. Contamination can result in changes to concrete colour and surface texture.

A quick and useful test is to play a small flame gun over a local area and note the effects e.g. smoking, vapours, liquid migration to surface, colour change etc. Oil contamination will result in oil quickly migrating to the surface as liquid droplets and, dependent on oil & temperature, vaporising.

Oil contamination can be removed using the HCA (Hot Compressed Air) method, followed by **Uniprime 134 Rapid** HCA to the warm floor. Where floors have been subjected to sugar contamination, the hot compressed air treatment will carbonized the contaminants. If heavy sugar contamination has occurred with subsequent attack on the concrete, a thorough evaluation should be undertaken before application of any resin based finish. Where any doubt exists on contamination with the concrete, it is recommended that core samples are taken of the top 50 mm of concrete to allow a proper evaluation.

SURFACE PREPARATION

Laitance and contamination to be removed by totally enclosed shot blasting or scarification. All residues must be removed to provide a dry, dust free open textured surface. Porous substrates (high air cavities) will need 2 coats of primer. Mechanical preparation is needed to remove laitance and contamination. Several methods are available depending on the profile and depth of removal required.

Shot blasting: Enclosed vacuum blasting can give a range of profile from coatings to trowel screeds. Generally, the thicker the topping, the greater the profile required.

Scarification: A wide range of equipment is now available capable of producing a range of profile. Vacuum extraction is also available.

Grinding: Generally gives a very fine texture, suitable for sealers or coatings. On dense surfaces eg. Power floated concrete, an adequate profile may not be achieved.

Hot compressed air: Can be useful for contaminated surfaces.

Acid etching: Not recommended

Wire brushing: Not recommended

MIXING

Mix each container separately. Pour total Hardener B into Base A container and drain thoroughly. Ensure that the materials are thoroughly mixed using as low speed. Do not mix by hand.

Pack components are pre-weighted for optimum performance. Never split or proportion packs.

APPLICATION

Apply **Uniprime 134 Rapid** within its pot life.

Immediately after mixing, spread the **Uniprime 134 Rapid** using a medium pile roller and/or squeegee, ensuring it is worked into all surface irregularities. For porous floors, where a second coat is required, allow the first coat to cure overnight and apply the second as above.

TEMPERATURE

Uniprime 134 Rapid should be applied at material or floor temperature above 7°C. Temperatures should not fall below 5°C during the first 24hrs after application.

FINISHING

Resin topping should be applied within 24hrs of priming. Coatings and self smoothing toppings should be applied when primer is tack free.

METHOD OF APPLICATION

By roller, brush, squeegee or spray.

HEALTH & SAFETY

Some of the components of this product may be hazardous during mixing and application. Some people are sensitive to resins, hardeners and solvents. Wear suitable protection clothing, gloves and eye protection. The use of barrier creams provide additional skin protection. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical. If swallowed, seek medical attention immediately-do not induce vomiting.

FURTHER INFORMATION

With a wealth of technical and practical experience built up over many years in our pursuit of excellence especially in the protective, flooring and concrete technology, make **CEMKRETE** your partner today! Contact hotline **NOW!**