

## DESCRIPTION

A two-component, solvent-free, general purpose, pigmented epoxy high build coating.

RMS UltraGuard is designed to provide a hardwearing, gloss-finish coating on concrete, cement and other substrates.

## ADVANTAGES

- Solvent free, low odour and suited to use in the food industry
- Hygienic, provides an easy to clean, dust free surface
- Good chemical and wear resistance
- Hard wearing, good abrasion resistance withstands foot and light vehicular traffic
- Available in a wide range of colours

## TECHNICAL DATA

- Packaging - 1KG / 2.5KG / 5KG / 10KG
- Approx Coverage - 4m<sup>2</sup> / 10m<sup>2</sup> / 20m<sup>2</sup> / 40m<sup>2</sup>
- Dry Film Thickness - 150 - 200 Microns
- Specific Gravity - 1.30 - 1.40 (A+B)
- Min. Application Temperature - 5°C
- Usable time - Approx 20 Minutes @ 20°C
- Shelf Life - 12 Months
- Storage Temperature - 5°C – 35°C
- Chemical Resistance - Resistant to a very wide of chemicals, however we recommend that any specific chemical resistance properties should be cleared with the Technical Department before use.
- Light Traffic - 24 Hours
- Full Traffic - 48-72 Hours
- Full Chemical Cure - 7 Days

## EQUIPMENT CLEANING

RMS Tool Cleaning Solvent should be used to clean tools – do not use on hands.

## MIXING

Add the full contents of Curing Agent Component B to the contents of Epoxy Resin Component A and mix thoroughly with a drill until an even colour is obtained. Guideline of 3-5 minutes.

## DOCUMENT VERSION

VERSION 2

DATED: 14/02/2024

## HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing be used when working with RMS UltraGuard. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin wash immediately with plenty of soap and water.

For full details see separate Health & Safety Data Sheet.

RMS UltraGuard is manufactured to a high standard of quality. Whilst we aim to ensure that any advice, information or recommendations given are reliable and correct, the Company cannot accept any liability directly or indirectly arising from the use of its products, as we have no direct or continuous control over where or how its products are applied. No undertaking can be given against infringement of any patented processes.

## SUBSTRATE PREPARATION

New concrete should be at least 21 – 28 days old or the moisture content less than 5%. The substrate should be clean, free from laitance, oil, grease or other agents, which may impair adhesion.

Techniques should include (depending on degree of contamination) acid etching, light mechanical scabbling, blasting, grinding or degreasing. All residues must be removed to provide a dust free, open textured surface.

## PRIMING

Priming is especially recommended on surfaces which are very porous. Low viscosity primer should be used, as this will provide maximum adhesion.

Primer should be mixed in the proportions supplied, add the entire contents of Curing Agent Component B into the Epoxy Resin Component A, when thoroughly mixed, preferably using a slow speed drill, the primer should be applied in a thin, continuous film using a roller or brush. Work the primer well into the surface of the concrete taking care to avoid puddling or over application.

Please note very porous substrates may require two coats of primer.

## APPLICATION

Apply by brush or roller; re-coating should take place as soon as possible to achieve good intercoat adhesion properties, preferably on the following day. If more than one day elapses between coats, abrade the surface lightly (with glass paper) before re-coating. We would normally recommend two coats for long-term protection and to gain the required thickness.

