

DESCRIPTION

RMS UltraPrime is a water based, solvent free, low emission, two component primer based on high grade epoxy resin.

RMS UltraPrime goes on white and dries clear. It can be applied over prepared dry concrete, steel and stainless steel.

RMS UltraPrime is to be used as a prime coat following further coats of our strongest epoxy floor coating, RMS UltraGuard.

ADVANTAGES

- Fully sealed surface
- Low odour
- Prepares surface for following top coats, UltraGuard being recommended.

TECHNICAL DATA

Consumption 0.20 – 0.40 kg/m ²	Film Thickness 150 – 300 microns (0.15 – 0.30 mm)
Application Temperature 10 – 30°C	Packaging (Unit Sizes) 1KG, 2.5KG, 5KG, 15KG (ON REQUEST)
Colour White (dries clear)	Shelf Life 12 months in closed in original container
Storage Dry conditions 10 – 25°C, avoid direct sunlight, protect from frost.	Working Time 40 minutes
Foot Traffic 12 hours @ 20°C	Overcoating Window 6 – 36 hours @ 20°C

CLEANING & MAINTENANCE

For the long-term maintenance of the properties of polymer flooring materials, a regular cleaning and care programme is recommended.

HEALTH & SAFETY

Please see MSDS sheets available on the RMS website.

SUBSTRATE PREPARATION

Prepare the substrate by vacuum shot blasting and remove rough contamination by grinding (as required).

The surface must exhibit an adhesive strength of minimum 1.5 N/mm². The substrate must be clean and free of dust and loose particles. All traces of contaminants, including oils, fats, grease, paint, chemical and laitance should be removed. Any cracks or damage should be properly remedied prior to application.

Magnesite & Steel

Magnesite floors must be treated with a solution of citric acid, which must be washed off afterwards by using plenty of water and allowed to dry. Metal surfaces must be cleaned from oil and grease, and mechanically prepared to SA 2½ (NACE) requirements.

APPLICATION

The product is delivered in ready-to-use 2-component containers in the exact mixing ratio.

Before starting the application, the material temperature must be close to the temperature of air and substrate.

The entire contents of the B-component are emptied into the A-component container and both are stirred for about 2 – 3 minutes using a suitable electrical stirrer. The inclusion of air in the stirring process must be avoided.

Then the mixture is diluted with clean water (10 – 20%) depending to the absorbency of the substrate. It should be poured into a different container and stirred again briefly.

RMS UltraPrime is then poured onto the surface in portions and applied over the entire area using a flat bladed rubber squeegee and rolled then with a short pile napped roller.

The formation of puddles should be avoided.

DOCUMENT VERSION

VERSION 2

DATED: 22/06/21

