

Masonry Cement Composites (Pty) Ltd

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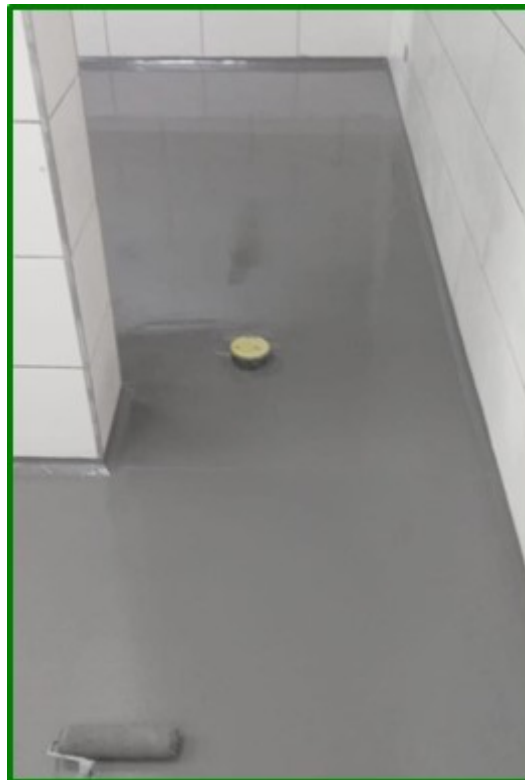
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Hyrez UVR 0.3-0.5mm 5Lt



SKU: MWHZUV

TECHNICAL DATASHEET

HYREZ-UVR

High Build Polyurethane Coating

HYREZ-UVR is a paint brush / thick pile roller applied polyurethane floor coating for industrial use. Highly chemical resistant, with slight flexibility, to give a smooth, low sheen finish whilst still allowing hygienic cleanliness and seamless flooring. Supplied in a variety of colours for use in environments that range from back of house to wash bays, indoor walkways, and light industrial processing areas. Organohalogene tested and approved by Thales as part of the HYREZ range of polyurethanes

TYPICAL APPLICATION

For use in commercial and domestic flooring applications where long lasting, water resistant, chemical resistant coating is required with a high degree of cleanability. Used in workshops, garages, indoor walkways, warehouses, and other domestic and light industrial applications.

ADVANTAGES

- Hard wearing
- Long lasting
- Slightly Textured finish (non-slip)
- Water washable surface
- Easy application
- Solid Colour
- High resistance to stains and chemicals
- Easy to maintain
- Noncracking
- Variety of colours

WATCH POINTS

- While resistant to UV discolouration, HYREZ-UVR will discolour in direct sunlight or outdoor settings.
- Mix only enough to allow roll out during the pot-life of the product. Discard setting product.
- Colour may take 2 to 3 days to settle.
- While a primer is not required, it will always give a more solid appearance if used.

DIRECTIONS FOR USE

Yield 5 Litres per kit

Coverage 5m² per litre

Appearance Painted surface

Application Temp 10°C to 25 °C

Coating Thickness 200 – 300 micron

Pot Life 15 minutes

Time to Overcoat 8-12 hours

Cure: Light Traffic 24 hours

Full Cure: 7 days 7 Days

Surface Finish Smooth sheen

Bond Strength 1,5 N/mm²

Cleaning Thinners

Application Conditions: Application temperature should be between 10C and 25C. Employ the use of localized cooling or heating equipment if necessary. Try avoid applying over hot surfaces or previously heated areas. Substrates must have a moisture content of 8% maximum and tensile strength of 1.5 N/mm² minimum

Surface Preparation: Surfaces need to be cleaned and flattened, or imperfections will show through flow applied applications. Light grinding to remove all surface defects is recommended. Scabbling and acid etching is not recommended. Anchor grooves are not necessary for HYREZ-UVR.

Priming: Existing polyurethane substrates do not need priming. Prime poor or porous concrete substrates with PU PRIMER or POXY SCREED PRIMER using a trowel and allow to cure for 12 hours to minimize draw in of the HYREZ-UVR into the substrate and prevent pin-holing. Dense surfaces need only be well cleaned, preferably with solvent wiping.

Mixing & Application: Shake well the resin component to resuspend all the pigments in the liquid. Pour into a bucket and while mixing add in the aggregate slowly until an even, lump free flowable paste. Allow to stand for 5 min and when ready for application, mix in the hardener to a more liquid consistency. Transfer the mix into a roller pan or flat bottom half drum. Using a long pile mohair roller, dip into the pan and roll evenly over the prepared surface. Pick up thick lines and roller ends for an evenly coated surface. Cut in edging using a paint brush. Only mix enough product that can be applied within 12-15 minutes. Allow to cure for 12-24 hours. Protect the curing floor from damp, condensation, and direct water for at least 24 hours.

Limitations: Do not apply on damp surfaces or more than 1mm thick per coat, or if the surface temperature is less than 3C above the dew point. Ensure that the curing temperature never drops below 5C, and do not apply over concrete that is more than 8% moisture. Colour variations can occur between batches so apply sections from the same batch of resin. Touching up will always be visible and should be avoided.

TYPICAL PROPERTIES

Equipment Care

All tools should be cleaned with thinners immediately after use. If delayed, the equipment will need mechanical action to clean or be discarded.

Warranty

Masonry Cement Composites (PTY) Ltd products have a manufacturing defect free warranty. Products, when applied as stipulated in this technical datasheet, will perform as specified without manufacturing defect.

REVISION: 5.3