

Mirabind is a water-based modified latex-acrylic binding agent, designed to fill pores and grout pin holes and minor imperfections as part of the Mirafloor Polished Concrete system. The material displays high bond strength with the concrete substrate, and when combined with concrete dust created by the grinding process, creates a surface that is integral to the subsequent polishing process.



FEATURES AND BENEFITS

- Strong adhesion
- Low VOC
- User friendly
- Economical
- Extends life of concrete flooring

APPLICATION GUIDELINES

Surface Preparation

Thoroughly polish the concrete to minimum 60 grit. Remove any coarse scratches created during initial grinding stage.

Application Method

Spray the area to be treated with water to ensure the concrete is damp for application. Remove any puddles as these will dilute the solution and affect the bonding strength. Using an industrial pump sprayer, apply the product liberally to the area 3-4 metres in front of the grinding machine, with an effective working area of approximately 6-10m². Use a soft-bristled broom to spread the Mirabind evenly across the surface.

While the Mirabind is still wet, grind the surface with 50 grit Mirafloor Fusion (or suitable comparable grit) diamonds at a medium speed. This process will remove scratches from the previous pass. Dust from the grinding process will mix with the Mirabind to create slurry that will fill holes and imperfections in the concrete. Continue grinding at an effective speed until the excess is removed from the surface and repeat as required. Check the holes and fine surface defects have been filled sufficiently before continuing the process. If shallow depressions still remain, change to a one step finer grit diamond and follow the process steps until satisfactory filling is achieved.

Allow the surface to completely dry before gently sweeping to remove any excess debris ready for application of Mirahard Densifier.

IMPORTANT NOTES / LIMITATIONS

Application Conditions

Mirabind must dry thoroughly prior to Mirahard application.

DISCLAIMER / STATEMENT OF RESPONSIBILITY

Purchase or use of the product referred above ('the Product') constitutes acceptance of these terms. Any information provided by Vulk Pty Ltd ('Vulk') is of a general nature and should not be taken as advice and is, to the extent permitted by law, provided without warranty as to the accuracy, reliability or completeness of that information. Further, no warranty is provided in respect to the quality, suitability or fitness for purpose of the Product. Expert advice should be taken in respect to any use of the Product.

Recommended minimum dry time is 1 hour.

When applying in hot or exposed conditions reduce the application area to ensure the Mirabind does not dry on the surface prior to polishing.

CURING TIME

Minimum 1 hour prior to further treatment.

ESTIMATING DATA

1L / 5m² average application rate

VOC COMPLIANCE

Low VOC <25g/L

CLEAN UP

Immediately clean tools and equipment with water. Remove overspray and spills immediately.

PACKAGING

20L plastic pail

SHELF LIFE

2 years in unopened, factory sealed container. Safely stored at temperatures between 5°C-30°C.

SAFETY PRECAUTIONS

Always wear adequate personal protection during use including gloves, eye protection, overalls and appropriate mask. Apply in adequate ventilation. Refer to Material Safety Data Sheet for further safety information.