



Description

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.

Benefits

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

Application

Mirabind is a pre-mixed formulation with no dilution required.

Thoroughly polish the concrete and remove any coarse scratches created during initial grinding stage.

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 120 grit diamonds at a medium speed. Dust from the grinding process will mix with the Mirabind to create slurry that will fill holes and imperfections in the concrete. Continue grinding until the excess is removed from the surface and repeat as required. Check the holes have been filled sufficiently before continuing the process.

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

Safety Information

Ensure the workplace is well ventilated before commencing application and during grinding. Always ensure proper dust extraction and suitable personal protective equipment is utilised. Sufficient eye and skin protection should be worn to avoid irritation. Refer to Material Safety Data Sheet for further safety information.

Typical properties and application data

| | |
|----------------------|--|
| Form: | Transparent milky white liquid |
| SPECIFIC GRAVITY: | 1.05 |
| MAIN COMPONENT: | Acrylic |
| SPREAD RATE (MIXED): | 5m ² per litre |
| FLASH POINT: | Does not burn |
| DRY TIME AT 25°C: | 20 minutes |
| SHELF LIFE: | 2 years in unopened, factory sealed container (5-35°C) |

Refer to Material Safety Data Sheet for precautions and personal protection.

Disclaimer: Any advice, recommendation, information, assistance or service provided by Mirafloor in relation to goods manufactured or supplied by them or their use and application is in good faith and is believed by Mirafloor to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Mirafloor is provided without liability.