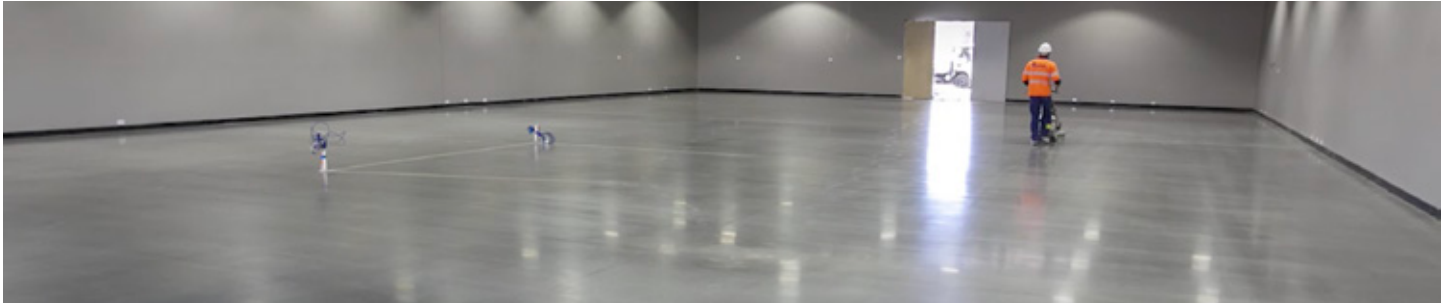


Miraguard is a semi-penetrating, breathable, colour enhancing sealer for concrete with a high gloss finish. Incorporating the benefits of our Miraharden Plus surface densifier, this easy to apply lithium silicate treatment penetrates and reacts with concrete, increasing hardness, surface density and durability on prepared existing and new surfaces. Application will create a water-resistant surface that also resists damage from ingress of liquids, chemical attack and an increase in surface abrasion resistance.



USES

- **Decorative polished concrete**
- **Industrial burnished concrete**
- **Exposed architectural concrete**
- **Decorative concrete overlays**
- **Stained and integrally coloured concrete**
- **Terrazzo**
- **Retail**
- **Supermarkets**
- **Residential construction**
- **Warehousing & distribution**
- **Dry manufacturing**
- **Airports**

FEATURES AND BENEFITS

- **Provides water and stain repellence**
- **Increases surface hardness**
- **Enhances colour of substrate treated**
- **Allows concrete to breath**
- **Reduces efflorescence**
- **Quick surface drying**
- **Low maintenance down time**
- **Increases light reflectivity**
- **No surface polish required**
- **Low VOC**

APPLICATION GUIDELINES

Surface Preparation

Miraguard may be applied to steel trowelled, mechanically ground, polished or highly polished concrete surfaces, new and existing concrete, concrete with dry shakes, coloured and acid - stained concrete, cementitious tiles, terrazzo, and concrete previously treated with sodium or potassium silicate hardeners.

For best results, surfaces should be treated with Miraharden Plus prior to application of Miraguard.

Surfaces must be clean, dry and free of ponded water prior to application.

Clean surface to remove any dirt, laitance, previous coatings or curing agents that may prevent penetration of the material. Ensure all residual cleaning agents or strippers are removed and surface is flushed with clean water and allowed to dry thoroughly.

Confirm absorbency of surface with a light water spray, ensuring penetration into the surface is achieved.

It is recommended to undertake a test sample to confirm the suitability of the product for specific substrates and ensure desired results are achieved.

Air and Surface Temperature

The air and surface temperature should be between 4°C and 32°C.

Application Method

Using a low-pressure sprayer fitted with an adjustable spray tip, apply a thin, even coat of Miraguard to dense, smooth concrete surfaces at a rate of 20-30 m²/litre. Application rates may vary depending on surface porosity.

Using a microfibre pad spread the product in a thin uniform layer, ensuring no pooling or brush marks. The microfibre pad should be pre-moistened with Miraguard prior to use. Stop spreading once product begins to dry.

Allow Miraguard to dry tack-free for approximately 30 minutes to 1 hour. Buff the sealer with heat pad between coats. Apply additional coats to increase the coverage and gloss. Coverage rates will increase as each coat that is applied. Always burnish between Miraguard coats.

To achieve a high gloss and stain resistant protective sheen, application of up to three thin coats of Miraguard may be applied.

The sealed surface must be burnished using high-speed burnishing equipment fitted with heat polishing pads or other approved Mirafloor high-speed burnishing pads. The burnishing action will polish the treated surface and heats the Miraguard to help fuse and bond it with the concrete for increased durability and longevity.

Surface is ready for traffic within 1 hour of burnishing under typical conditions.

IMPORTANT NOTES / LIMITATIONS

Application Conditions / Notes

Protect from water for 72 hours. After application Miraguard must be protected from pooling water or cleaning operations otherwise discolouration may occur.

Protect glass, aluminium and other sensitive materials from exposure as the product will cause etching of these materials.

Surfaces must be clean, dry and absorbent. Confirm surface absorbency with a light water spray, noting penetration into the surface.

For indoor use only.

MAINTENANCE

Use Miramaintain, a high quality and lithium-based cleaning solution and automated scrubber to clean and maintain the lithium treated surfaces.

Do not use acidic cleaners to maintain treated floors. Although

Miraguard will improve the stain resistance of concrete; some acid concentrates and acidic foods may etch and leave a residual stain if left on the surface. Clean up all spills quickly to minimise any possible damage.

Regular cleaning of dust and grit along with scheduled cleaning maintenance will assist in reducing future maintenance. To maintain a gloss surface, dry buff periodically with high-speed burnisher and heat or Mirafloor diamond-impregnated burnishing pads.

To restore maximum shine to high traffic areas, apply mist-like coat of Miraguard and repeat application as per instruction methodology in affected areas.

CURING TIME

1 hour return to service. 72 hours to full resistance properties.

ESTIMATING DATA

Application rate will generally vary from 20-40m²/L depending on the material porosity and application method.

VOC COMPLIANCE

Low VOC <50g/L

CLEAN UP

Clean tools and equipment immediately with fresh water. Immediately wash with water over sprayed glass, aluminium, or other surfaces.

PACKAGING

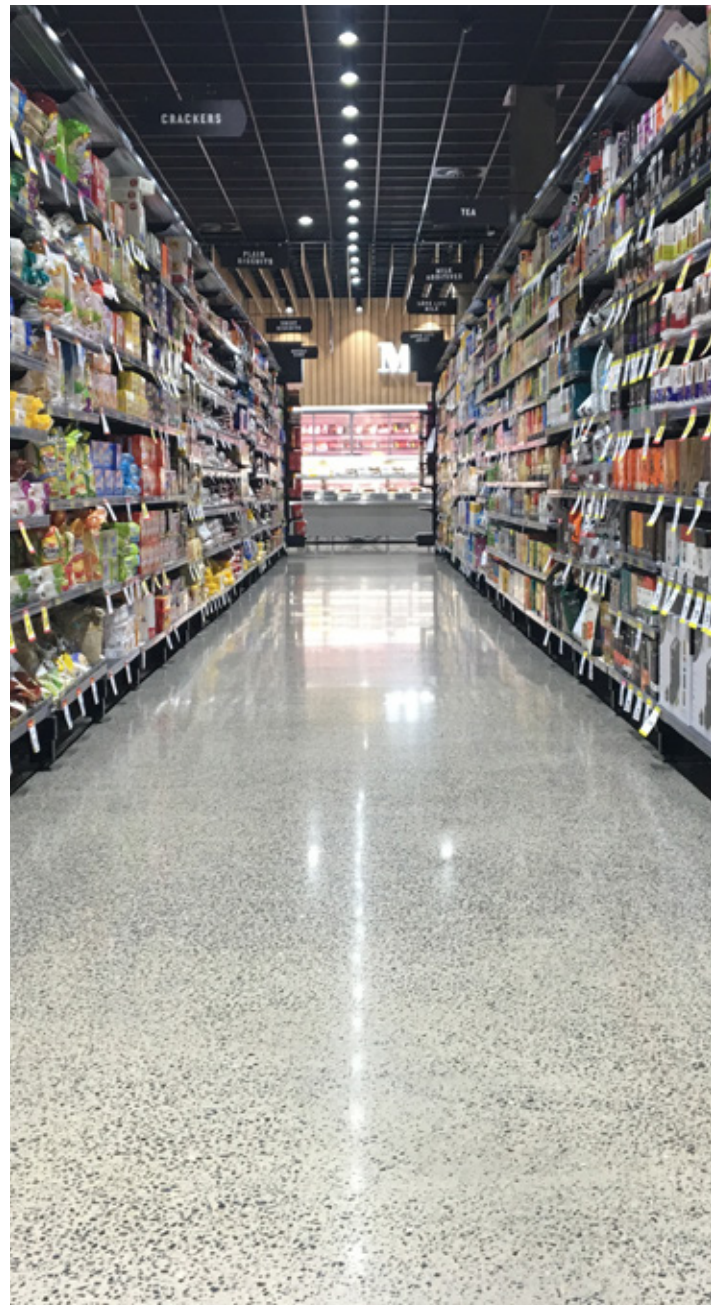
20L pail

SHELF LIFE

1 year in unopened, factory sealed container. Safely stored at temperatures between 5°C-35°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.



DISCLAIMER / STATEMENT OF RESPONSIBILITY

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