

Vinyl Flake / Coloured Sand Epoxy Floor System Application Guide

The following application / process can be considered to achieve the maximum suitability and performance from a resin based floor coating system.

| Identify Moisture Level of Substrate | Anti-Slip | Waste Water Management- Avoid Water Pooling on Surface |
|---|-------------|---|
| Preparation of Substrate | Wall Coving | Maintenance |

Thin film epoxy flooring systems such as the Uni-Guard, will offer low to medium impact, abrasion and heat distortion resistance opposed to less economical solvent based systems, high solid epoxy systems and cement based urethane systems.

The below Uni-Guard system can be easily maintained and rejuvenated due to its fast cure and other features. Better performance can be achieved by increasing the number of top coats, or by use of a maintainable floor polish.

Slip prevention must be considered before the final selection of a resin flooring system in-order to comply to slip risk testing AS/NZS4586 classification. Uni-Guard Topcoat *Anti-Slip* incorporate specialised additives designed to remain in suspension that achieve P5 rated slip resistance. Larger aggregate can be used as broadcast. *Consult representative or contractor for more details & TDS.*

Application process: Epoxy Vinyl Flake or Coloured Sand Broadcast

- 1. Mechanically prepare and ensure substrate is free of cement laitance and contaminates.
- 2. Apply prime coat of Uni-Guard H20 Primer with the addition of 5% water to the mixture at a spread rate of 6m2 per litre. Allow to cure.
- 3. Fill or repair any large cracks using concrete repair mortar or epoxy mortar.
- 4. Apply base coat of Uni-Guard H20 Primer at spread rate of 5m2 per litre. Broadcast with vinyl flake or coloured sand to saturation.
- 5. Once cured remove excess vinyl flake or coloured sand using stiff broom and vacuum. * De-bur flake with scraper or sharp edge if desired
- 6. Seal vinyl flake or coloured sand with first coat of Uni-Guard Topcoat at the approximate spread rate of 6-8m2 per litre.
- 7. Once cured, lightly sand using 120g sand paper. Flake floors only.
- 8. Apply second coat of Uni-Guard Topcoat at the approximate spread rate of 8-10m2 per litre. Allow to cure.
- 9. Apply *optional* third coat of Uni-Guard Topcoat at the approximate spread rate of 10m2 per litre. Allow to cure.
- 10. Apply **optional** forth coat of Uni-Guard Topcoat at the approximate spread rate of 10m2 per litre. Allow to cure.
- 11. Additional coats of Uni-Guard Topcoat can be applied for better performance and be used as part of an ongoing maintenance regime.