

Chemind Product Data Sheet

ULTRA-FLAKE

Decorative Waterproof Seamless Membrane System

Description

Ultra-Flake Seamless Flooring System consists of:

- **Aquagard M UVR** basecoat waterproof membrane
- **DesignerFlake** in a wide range of decorative colour combinations and slip-resistant properties
- **Ultraure HD Clear** UV resistant polyurethane sealer - hard-wearing, low maintenance floor.

Uses

Suitable for all exterior foot-trafficable commercial and residential design – wet areas, canteens, patios, roof decks, stadiums, arenas, walk-ways and ramps. Used on new or suitably prepared old concrete, FC or CFC sheet.

Features

- Simple, seamless, one-part products
- Fast cure, waterproof - resists ponded water
- Slip-resistant finish is available
- Excellent resistance to oils fats and chemicals
- No hazardous level of toxic substances
- Permanently flexible - total adhesion
- Compliant with AS4654 "Waterproofing membrane systems for exterior use", as a Class III membrane

Typical Properties

Service Temperature	-10°C to 80°C
Cure Time - ready for Flood Test, tiling, topping	8 hours
Tensile Strength	2.5 MPa
System Elongation	>400% = Class III
Immersion Durability	Passed (Water, bleach, detergent) = Class III
WVTR (AS/NZS4858)	2.79 g/m ² /24 hrs
Chemical Resistance	Excellent

Preparation

Surface must be dry, sound, smooth and free from dust or contaminants. Concrete should be cured 28 days and render 7 days.

Application

- **Aquagard M UVR** basecoat membrane – install in accordance with Chemind PDS to 1.5mm DFT.
- **DesignerFlake** – Apply a second coat of Aquagard M UVR @ 4m²/kg and while still wet, uniformly broadcast flakes @ 0.5-0.6kg/m². Allow to cure and scrape or smooth any high spots.
- **Ultraure HD Clear** – Apply three coats @ 6m²/kg per coat on subsequent days (full dry between coats).
- **Non-Slip (Optional)** – Broadcast or mix glass beads or silica sand to second Ultraure HD coat at a rate of 50-70 gm/m² for slip resistance for wet environments.

NOTE:

Allow the completed system to cure for a minimum of 7 days before subjecting to continuous foot traffic. Areas subject to high traffic should be protected with an additional coat of Ultraure HD Clear and mats.

Maintain regularly by mopping with warm water and a phosphate-free detergent. Mild solvent cleaners may also be used.

For extra impact, abrasion or chemical resistance needs, use Ultraure A-80 basecoat.

Contact Chemind Technical Department 1800 33 44 44 for specific application or maintenance requirements.

Packaging

Aquagard M UVR Membrane	22kg pails
Ultraure HD Clear	20kg pails

Clean Up

Use Chemind GP Solvent or methylated spirits before curing. Exercise care when using solvent, review all MSDS before use.



HEAD OFFICE
74 Annie Street
ROCKLEA QLD 4106
AUSTRALIA
Ph: (+617) 3255 5755
Fax: (+617) 3255 5991
ABN: 63 250 804 992

Statements made in this bulletin are for the assistance of our customers. They are based on our experience and judgement but must not be regarded as amounting to a legal warranty or as involving any liability on our part.

Copyright © 2010 Chemind Construction Products