



# Clear Slip Resistant Coating (CSRC)

## DESCRIPTION

Remedial Membranes –Clear Slip Resistant Coating (CSRC) is a two-part clear, hybrid water based, aliphatic polyurethane coating that cures to form a clear, tough, durable, flexible, trafficable, surface. Used in conjunction with the supplied aggregate cures to form a Clear Slip Resistant Surface Nata Certified to achieve a rating between P3-P5 (highest) in a diffused gloss finish. As a Clear Slip Resistant Coating it can be installed over most surface after completing the patch test for adhesion compatibility. The design of the Clear Coating means it does not change the look of the existing surfaces whilst making it Slip Resistant. Remedial Membranes – CSRC is formulated for exposure to sunlight and incorporates adhesion enhancers to enable it to bond without the use of a primer to most surfaces enabling the original appearance of the substrate to be retained after the application.

## USES

Remedial Membranes - CSRC, is a clear, trafficable coating and has been aggregated mixed in to provide an array of slip resistant finish rated to comply with the Building Code Authority without changing the original appearance:

### Suitable areas include:

- All Internal Areas
- All External Areas

## SUITABLE SURFACES

Suitable Surfaces for direct application include some of the below:

- Ceramic Tiles, Porcelain Tiles, Metal, Paint, Metal, Epoxy Flake Flooring. Porous surfaces internally that are not subject to water could also be installed without the CWM Sealer being used.

Porous surfaces can also have a slip resistant coating applied to them but these would require a waterproofing application. These would include:

- Concrete, Stone and other porous surfaces.

## MIXING

CWM is a 2-Part clear coating mixing externally where possible. Each litre of CWM1 liquid requires 100ml or 10% CWM2. Add CWM2 liquid slowly into CWM1 liquid while mechanically stirring to ensure proper mixing. Always add CWM2 to CWM1 pot volume will allow for this. Once mixed stand for 5 mins prior to use

## Slip Rating

Slip Rating is achieved by combining a pre-set amount of aggregate with membrane and applied in a specified location.

Finish	Aggregate	Per m2 or 10.7sq ft	Slip Rating
Mild	Aggregate A	10ml	P3
Medium	Aggregate A	20ml	P4
High	Aggregate B	10ml	P5
V High	Aggregate A	20ml	Extra

## SPECIFICATION

The information contained in this Product Data Sheet is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions are for mixing only and Installation Guides should be consulted prior to commencement. This Datasheet should be considered as a minimum requirement but the applicator or contractor must use their skill, knowledge and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the Company in writing.

All surfaces must be pre tested to ensure compatibility prior to commencement of work.

## LIMITATIONS

**Water Ponding:** CSRA is designed to be installed on top of surfaces that have fall created in them to allow water run-off. If installed in situations with ponding, water surface may blush or have a milky appearance until a time where it is able to dry or if able to get below the surface can delaminate.

**Trafficability:** CSRC is tough and durable and can withstand general foot traffic. However, as the Coating is flexible, it can be damaged by point loads, heavy weights, sharps, scuffing, dragging items across the surface and general excessive abuse and should be protected against these. It is not suitable for vehicular traffic. Commercial Applications should be inspected yearly for wear and tear

**Staining:** As we are unable to test for all manner of stains and sources of stains, as a precaution given that the Coating is clear and is most likely more susceptible to showing stains than a coloured coating, the membrane should be protected from possible sources of stains such as chemicals, dyes, leaves, certain wines etc. Spills should be immediately cleaned with a suitable detergent.

**Desire for a clear finish:** As a clear finish is desired, some conventional methods for preparation, priming, reinforcing, and sealing of joints, gaps and corners are inappropriate and their omission may render some applications where movement in joints, corners and cracks are excessive, substantial or beyond the capability of the membrane unsuitable.

**Rising Damp:** CSRC should not be used on surfaces where there is rising damp.

**Streaking:** Streaking can occur with a tacking edge is overlaps with wet coating, only overlap a wet or dry edge.

**Porous Surfaces:** Need to be pretreated to prevent water accessing the underside of the coating and delaminating it.

## BENEFITS AND ADVANTAGES

- It is a genuine Slip Resistant Coating.
- It can be applied to tiles and pavers.
- Anti-scratching and abrasion resistant.
- Excellent exterior durability and low yellowing.
- Good early hardness development.
- Good chemical and solvent resistance.
- Dries clear with a gloss finish.
- Trafficable.
- Can be used exposed to sunlight.
- Good bonding to most surfaces (testing is highly recommended).

## PRECAUTIONS IN USE

CWM Part 1 is a water-based product, has low VOC's and is not considered dangerous or hazardous according to the WorkSafe criteria. CMW2 is considered a Hazardous Chemical but a Non-dangerous please ensure the MSDS is referred to and good industrial practices such as wearing gloves and safety goggles against splashes should be observed along with an organic vapor respirator.

### Slippery Surface:

Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion. Subject to the limitations as stated above, the following preparation should be carried out.

### For tiled areas:

## PRIMING AND SURFACE PREPARATION

- Surfaces must be clean, dry and free of grease, grime, mould, fungi, dust, loose material and substances that may diminish adhesion.
- Surfaces should be thoroughly cleaned and flushed to remove detergent residues and allowed to dry.
- As far as possible restore the substrate to a sound condition.
- Cracked, loose or damaged grout should be replaced and fully cured.
- Cracks should be filled with a clear, MS Polymer Joint Adhesive.
- Surfaces that perform poorly with patch test can be installed using the CWM Primer.

## APPLICATION

Apply by roller or brush. Do not apply if the ambient temperature or substrate temperature is below 10°C, likely to fall below 10°C or below the dew point temperature during the coatings drying and curing process. Do not apply the product when rain or inclement weather is imminent or expected including during the product's drying and curing process. Protect the product from rain, water damage, dust and falling items that may lodge in the wet membrane until it has dried and 24 hours has passed. Full cure is 7 days.

### General Application

1 coat application 150ml Part 1 & 15ml Part 2 + Aggregate for 1m<sup>2</sup>. The minimum dry film thickness of the coating should be 0.125mm (125 micron).

The coating will attain full strength and durability within 3 to 7 days and although can be subject to light, clean foot traffic, all furniture and other items should not be replaced until the end of the 7 days, providing customer care instructions are followed. The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique. Coverage (usage) varies 6m<sup>2</sup> per litre per coat depending upon purpose for use. Refer to Application instructions.

## COLOURS

Clear

## COVERAGE

1L or Quart to 6m<sup>2</sup> or 64sq ft

## DRYING AND CURING

Drying and curing of the product is affected by type, dryness and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide.

Per coat, on average at 25°C at 50 R.H. based on 100-micron wet film thickness:

Touch dry - 30 minutes

Re-coat - once touch dry and clear (remove shoes). Dry - < 24 hours.

Full Cure - 3 to 7 days.

Pot Life will be significantly lessened once part 1 and 2 are combined; the pot life is dependent on the percentage of Part 2 mixed in and will range between the following:

10% of Part 2 added will have a pot life of 24 hours. Pot life can be extended by installing up to 5% water (only once).

## STORAGE

Store in unopened and undamaged containers in a cool and dry area for up to 12 months.

Part 2 should be stored away from a flame source. Refer to MSDS

## CLEAN UP

Wet spills can be cleaned with water prior to drying, after drying will not be able to be removed except with physical force on smooth surfaces.

## TILING, TOPPING OR TOP COATING

CSRC left exposed not designed to be covered

## SAFETY AND PRECAUTION

The product is water based and is not considered dangerous according to the criteria of WorkSafe Australia.

The use of gloves and eye protection is recommended along with an Organic Vapor Respirator. Use in well ventilated areas.

## FIRST AID

**Eye Contact:** Flush with copious quantities of water for at least 15 minutes. Seek medical attention.

**Swallowed:** Seek medical attention.

**Skin:** Remove contaminated clothing and wash skin with soap and warm water.

**Inhaled:** Remove from contaminated area. Apply air resuscitation if breathing is irregular or stopped. Seek

### Medical Attention

For full safety data refer to the products Material Safety Data Sheet. Observe precautions as per label.

#### Conditions of Use and Disclaimer

The information contained in this data sheet is given in good faith based upon our knowledge and current information and does not imply warranty. The information is provided and the product sold on the basis that the product is used for its intended use and applied in a proper workman like manner in accordance with the instruction in this data sheet onto suitable and correctly prepared surfaces which shall remain sound, stable, free of structural defects, cracking, spalling concrete cancer, negative pressure, movement or other conditions that may affect the performance of the product. Deviations from application instructions may diminish or negate the performance of the product. Under no circumstances will the Company be liable for any loss, consequential or otherwise, arising from the use of the product. Liability is limited to the replacement of proven faulty product. Issued: 02/05/2023 Valid until superseded