# POLYURETHANE COATING

This product is a two pack high performance acrylic urethane coating designed for use where outstanding resistance to weathering and excellent gloss retention is required.

* Outstanding weather resistance
* Very good mark and wear resistance
* Excellent adhesion & abrasion resistance
* Very good chemical resistance
* Non yellowing

RIGHT CHOICE COATINGS & SEALERS


## Performance & Comparison*

| | |
|---|---|
| **Product** | Polyurethane Coating |
| **Ease of application** | Medium |
| **Preparation** | Medium |
| **Durability** | High |
| **Maintenance** | Low |

## Characteristics

| | |
|---|---|
| **Colour:** | Clear |
| **Solids (vol. %):** | 40% |
| **Gloss:** | High |
| **Mixing Ratio:** | Part A – 3.2ltr (4 : 1 by volume) |
| | Part B – 800ml |
| **Abrasion Resistance:** | Good |
| **Chemical Resistance:** | Very Good |
| **Solvent Resistance:** | Good |

## *Performance Guide & Comparison

| Description | Evaluation & Meaning |
|---|---|
| Ease of Application | The level of effort and expenditure to apply the coating, combined with level of expertise. *High = very easy to apply; Medium = easy to apply; Low = presents challenges for inexperienced users.* |
| Preparation | The level of effort and expense for preparing the substrate for coating. *High = a high level of effort and expertise required for preparation; Medium = modest preparation required; Low = low to no preparation required.* |
| Durability | The expected performance under standard Australian conditions for weathering and temperature variation. *High = High level of durability under extreme conditions; Medium = meets or exceeds standard conditions; Low = meets standard conditions, but not expected to endure.* |
| Maintenance | The level of continued coating support, or re-coating to achieve the same level of performance. *High = a high level of effort and expenditure in cleaning, or re-coating the system; Medium = a modest level of effort and expenditure for cleaning to keep the coating looking good and performing well; Low = almost no effort to support the coating system after application.* |

*** The expected lifespan of any coating is dependent on the location, weather and traffic the surface is subjected to. It is advisable to inspect the surface after 3, 6, 12 and 18 months from the initial application date to determine if it requires recoating and or maintenance. In light use areas, protected from adverse weather conditions the coating will last longer.*

## APPLICATION

Apply 2-3 coats using a 10mm nap roller.

| Spread Rate | Minimum | Maximum | Typical |
|---|---|---|---|
| Theoretical Spread Rate (m2/kg) | 5 | 10 | 7 |
| Wet Film Thickness (µm) | 200 | 100 | 150 |
| Dry Film Thickness (µm) | 80 | 40 | 60 |

## DRY TIMES **

| Substrate Temperature | 5˚C | 10˚C | 20˚C | 30˚C |
|---|---|---|---|---|
| Surface Dry (minutes) | N/A | 120 | 60 | 30 |
| Hard Dry (hours) | N/A | 24 | 12 | 8 |
| Recoat Time (hours) | N/A | 12 | 6 | 4 |
| Pot Life (minutes) | N/A | 90 | 60 | 40 |

*** Drying times are generally related to air circulation, temperature, and film thickness. The figures given above are typical with good ventilation, typical film thickness and single coat application.*

## SURFACE PREPARATION

It is recommended that surfaces are clean (free from any dirt, grease or other foreign matter) and dry. Concrete should be firm, clean and dry, any imperfections must be repaired before application. Prepare concrete surface by water blasting or grinding to provide the appropriate surface profile for optimum keying.

## DIRECTIONS FOR USE

Thoroughly stir contents separately then add Part B to Part A while stirring. Only mix enough product that can be applied within a 10 minute period. Can be thinned 5% to 10% if required. This product shall not be applied on to substrates known to suffer from rising damp or having a relative humidity greater than 75%. This Product Data Sheet is to be used as a guide only; it is NOT a specification.

## SAFETY

Provide adequate ventilation and wear protective clothing. Consult the Safety Data Sheet.
Failure to observe these precautions will void all warranties and guarantees for product performance. The manufacturer will take no responsibility for coatings, products, labour, corrective action, or compensation where there is evidence of a failure to abide by the manufacturer's directions.

## CLEAN UP

Thinners / Xylene

## DISCLAIMER

Industry standards recommend the accurate recording of times and dates, batch numbers, consumption rates and environmental conditions including substrate and air temperatures, humidity levels and dew point readings during both the application and curing processes. Full material warranties cannot be provided unless all the relevant data has been recorded accurately. The technical information and application advice given here is based on the best information available at the time of print. As the information herein is of a general nature, no assumption can be made as to the products suitability for a particular use or application. Field support, where provided, does NOT constitute supervisory responsibility. Suggestions made by Right Choice either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they are responsible for carrying out procedures appropriate to a specific application. If in doubt contact the Right Choice technical department for advice.

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