

# TECHNICAL DATA SHEET



Issue: 28-Jun-16

Hard Seal is a solvent based, acrylic sealer designed to be used as a 14-28 day sealer on Driveways, Pathways, Stenciled & Stamped Concrete, Exposed Aggregate etc. Hard Seal contains selected additives which reduce hot tyre marking, reducing the problematic marring and scuffing of the sealer. Available in clear or a variety of colours.

## FEATURES & BENEFITS

- \* Hard durable coating
- \* Easy to apply
- \* Good mar and scuff resistance
- \* Good UV resistance
- \* Very good adhesion to concrete and base coats.
- \* Non flammable

## PERFORMANCE GUIDE & COMPARISON\*

Product	Ease of Application	Preparation	Durability**	Maintenance**
HS	Easy to apply	Medium	Medium	Medium

Characteristic	Typical Value
Colour	Clear
Solids (vol. %)	24%
Gloss	Gloss Wet Look
Pack Sizes	20 Litre
Abrasion Resistance	Very Good
Chemical Resistance	Good
Solvent Resistance	Fair

\* Performance Guide & Comparison

Description	Evaluation and Meaning
Ease of Application	The level of effort and expenditure to apply the coating, combined with level of expertise. <i>Low = very easy to apply; Medium = easy to apply; High = presents challenges for inexperienced users.</i>
Preparation	The level of effort and expense for preparing the substrate for coating. <i>High = a high level of effort and expertise required for preparation; Medium = modest preparation required; Low = low to no preparation required.</i>
Durability	The expected performance under standard Australian conditions for weathering and temperature variation. <i>High = High level of durability under extreme conditions; Medium = meets or exceeds standard conditions; Low = meets standard conditions, but not expected to endure.</i>
Maintenance	The level of continued coating support, or re-coating to achieve the same level of performance. <i>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.</i>

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\*\* 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 two coats by broom, roller or spray. Allow to dry between coats.

Spread-rate:

	Minimum	Maximum	Typical
Theoretical Spread Rate (m <sup>2</sup> /L)	4	12	8
Wet Film Thickness (µm)	250	80	125
Dry Film Thickness (µm)	60	20	30

Dry Times\*\*\*

Substrate Temperature	5 C	10 C	20 C	30 C
Surface Dry (minutes)	120	60	40	20
Hard Dry (hours)	24	18	12	6
Recoat Time (hours)	12	9	6	3

\*\*\* 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 shall 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 and apply evenly over surface (do not apply in direct sun). To gain maximum build do not thin. This product shall not be applied on to substrates known to suffer from rising damp or having a relative humidity greater than 80%.

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.

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

Thinner

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## DISCLAIMER & CUSTOMER RESPONSIBILITY

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 Con-Treat 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 Con-Treat technical department for advice.

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