CONCRETE HARDENER

This product is a water based surface hardener based on sodium silicate. The blend is designed to react with calcium hydroxide in the concrete matrix to make the surface dust free and easier to clean.

* **Excellent penetration**
* **Environmentally friendly**
* **Allows trapped moisture to escape**
* **Cost effective concrete treatment**
* **Suitable for external use**

RIGHT CHOICE
COATINGS & SEALERS

Performance & Comparison*

Product	CH
Ease of application	Easy to apply
Preparation	Low
Durability	N/A
Maintenance	N/A

Characteristics

Colour:	Clear natural look
Solids (vol. %):	%
Gloss:	Low
Pack Sizes:	20 Litre
Abrasion Resistance:	N/A
Chemical Resistance:	N/A
Solvent Resistance:	N/A

*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 product using a low pressure sprayer, ensuring the entire surface is wet, and remains wet for a minimum of 30 minutes. Use a soft bristle broom or micro fibre mop to spread the material across the surface. After a minimum of 30-45 minutes remove the excess off the surface with a rag or mop.

On dusting or damaged slabs 2-3 coats may be necessary, further applications can be undertaken once the prior coat has dried.

Spread Rate	Minimum	Maximum	Typical
Theoretical Spread Rate (m2/kg)	2	8	5
Wet Film Thickness (µm)	N/A	N/A	N/A
Dry Film Thickness (µm)	N/A	N/A	N/A

DRY TIMES **

Substrate Temperature	5˚C	10˚C	20˚C	30˚C
Surface Dry (minutes)	N/A	N/A	N/A	N/A
Hard Dry (hours)	N/A	N/A	N/A	N/A
Recoat Time (hours)	N/A	N/A	N/A	N/A

*** 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, curing compounds or other foreign matter. Concrete should be firm, clean and dry, any imperfections must be repaired before application. Do not acid wash the surface prior to application.

DIRECTIONS FOR USE

Thoroughly stir contents and flood the surface, then spread any excess to avoid pooling. NO thinning is required. 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

Water wash up.

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.