



"From time of pour to finished floor...we've got you covered"

Issued 15<sup>th</sup> March 2005

## PRODUCT DATA SHEET

### Hard Seal

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|---------|-------|--------------------|-------------|-----------|--------|-----------|------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|
| <b>Description</b>      | Hard Seal is a high solids, high grade, tough and durable acrylic sealer that has been formulated to give protection against sunlight, traffic, oil and dirt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| <b>Features</b>         | <ul style="list-style-type: none"> <li>• UV resistant</li> <li>• Easy to apply</li> <li>• Hard durable coating</li> <li>• Excellent mar &amp; scuff resistance</li> <li>• Non yellowing</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| <b>Typical Uses</b>     | Hard Seal is designed for the protection and enhancement of concrete surfaces including plain, patterned, stenciled, coloured and exposed aggregate. It is ideal for driveways, pathways, and garages.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| <b>Application Data</b> | <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Gloss:</td> <td>Gloss</td> </tr> <tr> <td>Colour:</td> <td>Clear</td> </tr> <tr> <td>Shelf Life @ 25°C:</td> <td>6-12 months</td> </tr> <tr> <td>Thinning:</td> <td>Xylene</td> </tr> <tr> <td>Clean Up:</td> <td>Multipurpose/Xylene Thinners</td> </tr> <tr> <td>Spread Rate:</td> <td>1-10m<sup>2</sup> per ltr. Varies dependant on porosity of substrate. (Less losses due to application method, conditions of application and surface characteristics)</td> </tr> <tr> <td>Dry Times:</td> <td>           Dust Free: 20-30 minutes<br/>           Touch Dry: 1 hour<br/>           Hard Dry: 12-24 hours         </td> </tr> <tr> <td>Application:</td> <td>May be applied by brush, roller, conventional spray, or broom. To achieve maximum build do not thin. First coat should be thinned 10-20% with Xylene thinners depending on how porous the concrete is and the application equipment used.</td> </tr> <tr> <td>Container Sizes:</td> <td>20 litre</td> </tr> </table> | Gloss: | Gloss | Colour: | Clear | Shelf Life @ 25°C: | 6-12 months | Thinning: | Xylene | Clean Up: | Multipurpose/Xylene Thinners | Spread Rate: | 1-10m <sup>2</sup> per ltr. Varies dependant on porosity of substrate. (Less losses due to application method, conditions of application and surface characteristics) | Dry Times: | Dust Free: 20-30 minutes<br>Touch Dry: 1 hour<br>Hard Dry: 12-24 hours | Application: | May be applied by brush, roller, conventional spray, or broom. To achieve maximum build do not thin. First coat should be thinned 10-20% with Xylene thinners depending on how porous the concrete is and the application equipment used. | Container Sizes: | 20 litre |
| Gloss:                  | Gloss                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| Colour:                 | Clear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| Shelf Life @ 25°C:      | 6-12 months                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| Thinning:               | Xylene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| Clean Up:               | Multipurpose/Xylene Thinners                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| Spread Rate:            | 1-10m <sup>2</sup> per ltr. Varies dependant on porosity of substrate. (Less losses due to application method, conditions of application and surface characteristics)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| Dry Times:              | Dust Free: 20-30 minutes<br>Touch Dry: 1 hour<br>Hard Dry: 12-24 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| Application:            | May be applied by brush, roller, conventional spray, or broom. To achieve maximum build do not thin. First coat should be thinned 10-20% with Xylene thinners depending on how porous the concrete is and the application equipment used.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |
| Container Sizes:        | 20 litre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |       |         |       |                    |             |           |        |           |                              |              |                                                                                                                                                                       |            |                                                                        |              |                                                                                                                                                                                                                                           |                  |          |

**Application Summary<sup>1</sup>**

Always apply to a small area first (approx. 1m<sup>2</sup>) and leave to dry to establish both suitability and coverage rate. Coverage will vary depending on porosity of the surface and will range between 4m<sup>2</sup> per litre on exposed aggregate and porous surface, up to 12m<sup>2</sup> on very smooth surfaces. New concrete surfaces should be allowed to cure 21-28 days before sealing. Before applying the sealer, new concrete surfaces should be acid etched using a 5:1 hydrochloric acid wash. Ensure all safety equipment is worn. After the surface has reacted (approx. 20 mins) wash the residue off. Ensure that disposal of residue is in accordance with local laws. Ensure the concrete surface is clean and dry before applying sealer. Application of sealer over contaminants such as moisture and dirt may reduce adhesion and cause discolouration. Two coats of sealer should be applied to the concrete. For best results the first coat should be diluted up to 20% with Xylene Thinners. To apply, use a solvent resistant soft bristle broom. Spread the sealer over the surface in an even way so that the concrete is completely covered with a thin layer of sealer. If 'pooling' occurs, immediately spread the sealer over the surrounding area. Do not apply a second coat until the first coat has dried. For best results leave overnight and then apply an undiluted coat of sealer in the same manner described above. Keep cars off for 2-3 days.

**Previously Sealed Surfaces**

Recoating previously sealed surfaces is possible, so long as the surface is clean, dry and free from any contaminants and the sealer was correctly applied no more than 2 years ago. **Before recoating the entire surface always apply to a small area to establish suitability and adhesion.** For surfaces sealed more than 2 years ago, a primer coat may be required to ensure adhesion and compatibility. Please consult DuraCore for further information.

**Precautions**

Contains flammable solvents. Keep away from heat and flame. Provide adequate ventilation and wear protective clothing. Material Safety Data Sheet available on request.

**Classification**

UN 1263  
DG CLASS 3 PKG II  
HAZCHEM 3 [Y]E

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Due to differences in substrates, application methods and local conditions purchasers of this product must ensure that it is suitable for their specific application before using this product. While the information contained in the PDS is accurate to the best of our knowledge, Con-Treat Pty Ltd cannot guarantee that the information contained is wholly comprehensive. Subject to the provisions of the Trade Practices Act, the Company's liability in relation to defective product shall be limited to replacement or repair of the product or the supply of equivalent product.