

# Product Data Sheet

## CTI Penetrating Sealer

<b>Uses</b>	To penetrate and prime/seal decorative, coloured plain concretes and exposed aggregate. This will provide a strong base film which will give improved adhesion to the substrate and better holdout for subsequent coats of sealer. Can overcoat with CTI Concrete Sealer. CTI Penetrating Sealer is specifically developed to flow into pinholes on the surface of concrete and ensure high adhesive strength for further coats.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Achieves a “Wet look”</li> <li>• Highly viscous to get into pin holes and around exposed aggregates</li> <li>• Gloss finish</li> <li>• Easy application</li> <li>• Excellent water resistance</li> <li>• High UV Resistance</li> <li>• Exceptional performance in abrasion, impact and wear resistance</li> <li>• Fast Drying</li> <li>• Excellent adhesion to concrete, stone and aggregate</li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Perfect for priming or sealing exposed aggregates and poor quality concrete</li> <li>• Creates a tough economical and durable coating</li> <li>• Enhances concrete surface colours</li> <li>• Protects concrete surface from dirt ingress</li> <li>• Creates a washable surface</li> <li>• Reduces growth of moss and slime</li> </ul>
<b>Product Description</b>	<ul style="list-style-type: none"> <li>• Clear colourless viscous liquid</li> <li>• Strong hydrocarbon smell</li> <li>• Gloss finish</li> <li>• Dependent on traffic and weather condition CTI Concrete Sealer will provide a protective coating for 3-5 years</li> </ul>
<b>Packaging</b>	20 litre, 200litre
<b>Application</b>	<p>Clean the surface with a good degreaser such as <b>CTI Syn-Clean</b></p> <p>For old existing concrete clean and remove all growth.</p> <p>Etch the surface with <b>Colourcrete Hydrochloric Acid</b> mix to approximately 9:1 with water using a watering can starting at the lowest point and working to the highest point making sure that the surface is evenly covered.</p>

Neutralise with Colourcrete Neutraliser and water blast thoroughly.

Allow at least two days to dry thoroughly before sealing

Apply when the ambient and surface temperature are between 4°C and 32°C

We recommend that a small test patch is trial in a less visible area prior to use especially on existing sealer.

Can be applied by solvent resistant brush, roller or sprayer

Apply minimum of two coats allowing 4 -5 hours between coats

Additional coats may be required to provide the performance needed

Slip Reducer may be added to the final coat to provide better grip under adverse conditions

Avoid contact with skin and eyes as well as breathing vapour

Wear PVC or rubber gloves, full length overalls, safety glasses and respirator when applying.

Allow to dry for at least 24 hours before using

**Technical Data**

Irritant to skin and eyes, may cause dermatitis

Class 3 Packing group 111 – flammable liquid

Contains Xylene

Film Build 100 microns

Film build wet 400microns

**Chemical Resistance**

Film cured 28days 28°C -1hour soak

Laundry Powder Very slight dulling

Chlorine 1% in water Very slight effect

1% Caustic Soda Slight dulling

Mineral Turpentine No effect

Petrol Slight softening

Methylated Spirits Very slight softening

1% HCL Acid Very slight dulling

Hydraulic Fluid Softening

	<p>Boiling point 138-143°C          Contains 80% volatiles          Coverage: 8– 10sqm/litre depending on absorbency of concrete          Recoat Time 4 – 5 hours depending on climatic conditions          Cure Time 24hours          NVM pbw 23±1%          Shelf Life 2 years unopened</p>
<b>Clean up</b>	Use <b>CTI Solvent X</b> for cleaning brushes, rollers, sprayers and spills
<b>Storage</b>	<p>Store in a safe, cool dark area out of the reach of children.</p> <p>Store away from sources of heat or ignition</p> <p>If the tin has been opened, ensure that it has been resealed securely and that the seal is properly in place before storing.</p>
<b>Disposal of Empty Cans</b>	<p>Purchase only the quantity you can use</p> <p>Clean out the tin using <b>CTI Solvent X</b>, disposing of the waste responsibly</p> <p>Crush the clean tin and deliver to metal recycler</p>
<b>Additional Compatible products</b>	<ul style="list-style-type: none"> <li>• <b>CTI Concrete Sealer</b> can be used as a top coat.</li> <li>• <b>CTI Solvent X</b> can be used for clean up</li> <li>• <b>CTI Eco-strip II</b> can be used to remove old sealer</li> <li>• <b>CTI Syn-Clean</b> can be used to remove grease and grime from surfaces.</li> </ul>
<b>Health &amp; Safety Information</b>	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety related data.
<b>First Aid</b>	<ul style="list-style-type: none"> <li>• If swallowed, DO NOT induce vomiting, if conscious give water to drink</li> <li>• If material splashes in eyes, flush continuously with fresh water for at least 15 minutes</li> <li>• If material is splashed onto skin, remove contaminated clothing and wash skin thoroughly with soap and water</li> <li>• If inhaled, remove victim to fresh air, administer oxygen if necessary.</li> <li>• Seek medical attention</li> </ul>
<b>Restrictions of Use</b>	

<b>Precautions</b>	<ul style="list-style-type: none"> <li>• Do not use until the concrete is at least 28 days old</li> <li>• Avoid using if there is any sign of moisture in shaded areas or after rain</li> <li>• Avoid sealing in the heat of the day</li> <li>• Thinning is not recommended</li> </ul>
<b>Contact Details</b>	Concrete Tool Importers Ltd 0800 727 333
<b>Office Hours</b>	Monday-Friday 7:00am to 5:00pm
<b>Legal Notes</b>	<p>The information, and, in particular, the recommendations relating to the application and end use of our products, are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with our recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. We reserve the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations.</p>