




TOROCRETE BEDDING MORTAR

BEDDING / REPAIR COMPOUND

IMPERIAL SYSTEM PRODUCTS

COMPOSITION	Torocrete is a three pack base product based on epoxy resin, incorporating aggregates and curing agents		
PROPERTIES	<p>Torocrete is a chemical resistant bedding and patching compound for the levelling of uneven surface of decks and corbels prior to the installation of bearing pads, and mechanical joint profiles.</p> <p>It is also used for machinery base support and flooring to sensitive areas. In addition to its chemical resistance, it have very strong adhesion strength to concrete substrate. (adhesion strength is the break strength of concrete). Torocrete have high compressive strength and will resist abrasion well.</p> <p>SPECIAL FEATURES Smooth achievable finish Monolithic minimal joints to harbor soil accumulation Cost effective thin overlay : Excellent impact resistance. Flexural strength exceeds 40 Mpa Withstands static loading and wheel traffic Compressive strength is not less than 86 Mpa Tensile strength is not less than 30 Mpa when fully cured.</p>		
TYPICAL APPLICATION	<p>INDUSTRIAL Food Industry Chemical Industry Plating facilities Pharmaceutical Aviation Breweries</p>	<p>COMMERCIAL Oily workshop floors Warehouses Showrooms Butcher Shops Bakeries Garages</p>	
TYPICAL SYSTEM	<p>SUBSTRATE Concrete</p>	<p>SURFACE PREPARATION Concrete must be fully cured. Clean substrate of all surface latience.</p>	<p>TYPICAL SYSTEM Clean substrate of all surface latience. Apply one coat of Torocrete primer SL Mix Torocrete in bucket and trowel onto substrate to required thickness.</p>
PERFORMANCE DATA			
Weathering	Excellent, but will eventually chalk on UV exposure. Chalking however does not detract from general durability and chemical resistance.		
Abrasion Resistance	Excellent. Withstand iron wheel trolley traffic.		
Chemical Resistance	Excellent. Suitable for exposure to a wide range of chemicals.		

IMPERIAL SYSTEM PRODUCTS

Immersion	Suitable but do contact Imperialseals UK Pte Ltd for recommendation.
Temperature	<p>Non-immersion 105 degree C dry. 70 degree C wet</p> <p>10 kg of Torocrete will cover 5000 cm³.</p> <p>Losses incurred during mixing and application should be allowed for estimating job requirement.</p>
Volume Solids	100%
Application	<p>Using a low speed stirrer, thoroughly mix Torocrete base with supplied hardener, stirring until uniform. Then add supplied aggregate slowly, while power stirring continuously, until a uniform mortar consistency is achieved.</p> <p>Do not thin. Use special thinner CC for equipment clean up only.</p> <p>In some cases, prior to Torocrete mortar application, it may be advisable to apply a brush or roller coat of Torocrete resin as a primer at the rate of 3m²/liter.</p> <p>Immediately after mixing, empty the contents of the 10 kg mix onto the floor into the remarked area and spread out with a steel trowel.</p> <p>After the content have been spread out into the marked area, an ordinary plasterers trowel is used in a forward and backward movement, using a degree of pressure to ensure that the material fills all small crevices and hollows in the concrete. Care should be taken to ensure that a minimum thickness of 3 mm is applied over the entire area.</p> <p>When apply TOROCRETE with a steel trowel, a half circular motion should be used to obtain even spread of the material. When this has been achieved, the tip of the trowel can be used as a guide to monitor thickness.</p>
Drying Time 25degrees/50%RH	Touch dry in approximately 3- 4 hours : and dry overnight. Suitable for foot traffic 24 hours after application.
Curing Packaging	Full cure hardness and chemical resistance is achieved in 7-14 days after application. TOROCRETE will not cure if temperature is below 10 degree C.
	

Distributor :

IMPERIALSEALS UK PTE LTD

IMPSEAL SDN BHD

Tel : +65 67847811 | + 65 96791811

Email : donquek@imperialseals.com.sg | info@imperialseals.com.sg

Tel : +60 07 5226817 | + 60 018 904 7883 | + 65 96791811

Email : sales@imperialseals.com | donquek@imperialseals.com.sg