Sika Chapdur® - Corundum

High Performance Floor Hardener

Description and hard aggregate specially selected for their shape, grading, high quality and mechanical performance. Sika Chapdur® -Corundum is added to slab surfaces to improve their resistabrasion and inhibit dust formation. Sika Chapdur® -Corundum is suitatificors subjected to high abrasion, such as: Warehouses, quays, traffic lanes and Workshops. Heavy duty floor slabs. Car parks, service stations, garages etc. Advantages Sika Chapdur® Corundum improves abrasion resistance. Reduces surface dust. Non Slip Properties. Easy application. Saves time and labour costs by eliminating the need for a monolithic scree to severe the substrate of the property smoothed. Test certificate Taber Test. National Research Center, Report no. M01 5893 02 2007 Sika Chapdur® -Corundum has been tested as per SCAQMD Rule 1168. Result: VOC Content < 0 g/L. Product Data Colour Cement-grey. Note: Concrete substrate characteristics such as water content and ceme may induce slight colour variations. Packaging 30 kg bags. Storage Storage Storage Store in dry conditions Shelf life 12 months from date of production if stored property in original unopened processing the property of thickness. ASTM D 4060 Application Consumption (average) 3.0 to 5.0 kg/m², yielding a surface strengthening coat of approx. 2 thickness. Substrate preparation The concrete should Contain an adequate proportion of cement. It is reconto add a suitable Sika® concrete admixture to improve its propert sikament®). Level the freshly poured concrete by means of a vibrating beam. As soo plasticity permits, smooth the concrete preferably by using a mechanical to Broadcasting of The concrete slab is ready for the Chapdur® -Corundum cement when		
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Chapdur® -Corundum pressed hard onto the surface only leaves a 'print' of about 3 - 5 mm depth Broadcast the mix evenly by hand or with suitable device.	lur [®] -Corundum pr	The concrete slab is ready for the Chapdur [®] -Corundum cement when a thumber ressed hard onto the surface only leaves a 'print' of about 3 - 5 mm depth. Broadcast the mix evenly by hand or with suitable device.
concrete. Use a low rpm mechanical trowel, held perfectly flat.	CC	Vait until the Chapdur [®] -Corundum has been evenly moistened by the water in the oncrete. Use a low rpm mechanical trowel, held perfectly flat. lote: If parts of the surface come loose or if the laitance rises, this means the

concrete is still too fresh.



Smoothing	As soon as the plasticity or initial set allows, perform preliminary smoothing with the same machine running at low speed but equipped with metal smoothing blades, set at minimum angle.
	Any final smoothing required should be performed later with the machine running at high speed.
Curing	The Sika Chapdur [®] -Corundum surface must be protected to prevent early dry-out, crazing and bloom.
	Immediately after smoothing, apply a coat of curing compound (Antisol - 90) on the concrete (dosage approx. $100 - 150 \text{gr/m2}$).
Joints	Contraction joints, expansion joints and floor joints should be saw-cut only after 24 hours. When the slab has hardened, the joints can be filled with the appropriate Sikaflex® sealant in accordance with the floor requirements.
Curing time	
(depending on temperature and type of cement)	Foot traffic: 1 - 2 days. For light vehicle traffic: 7-10 days. Fully cured after: 28 days.
Safaty Instructions	Tully cured uttor. 20 days.
Safety Instructions Ecology	Do not dispose of into water or soil but according to local regulations.
Toxicity	Non-Toxic under the relevant health and safety codes.
Transport	Non-hazardous.
Legal notes	The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's 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



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suitability for the intended application and purpose. Sika reserves 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.



