



METHOD STATEMENT

SIKAFLOOR® CHAPDUR

DRY SHAKE HARDENERS

SIKA LIMITED (VIETNAM)

BUILDING TRUST



1 SCOPE

- Sikafloor® Chapdur is a dry-shake floor hardener. It contains hard aggregates, cements and additives.
- Dry shake floor hardeners produce a monolithic layer typically 2–3 mm thick. The superior aggregates, controlled mix proportions and lower water/cement ratio at the surface give enhanced wear and long-term durability.

2 ADVANTAGES

- Very high abrasion resistance
- Impact resistance
- Slip resistance
- Easy cleaning



3 SIKAFLOOR® CHAPDUR - SYSTEM

COATING	PRODUCT	CONSUMPTION
Normal traffic	Sikafloor® Chapdur	~ 4 kg/m ²
Heavy traffic	Sikafloor® Chapdur	~ 5 to 6 kg/m ²

(System thickness from 0.15 to 0.3 mm)

4 SUBSTRATES PREPARATION

- Substrate: Fresh concrete slab
- The concrete deliveries must be in consistent quality. The slab must be of good quality concrete with a minimum water/cement ratio consistent with the production of a fully compacted slab. The compressive strength must be a minimum of 25 N/mm²
- Use of Sikament[®] or Sikaplast[®] or Sika Viscocrete[®] super plasticizers is advised to ensure the optimum quality of concrete
- Air entrained concrete is not a suitable substrate for the application of dry shake hardeners.

5 APPLICATION METHOD / TOOLS

- Manual application: Dependent on the conditions, remove the surface bleed water or allow it to evaporate. Sprinkle the Sikafloor[®] Chapdur onto the screeded concrete.
- Care must be taken to apply the product without creating ripples etc. in the concrete surface.
- Compaction:
- In case of 2 times application, the first application must be worked into the slab followed immediately by the application of the second stage quantity of Sikafloor[®] Chapdur.

Notes:

- Never add water to the surface where the dry shake has been applied
- Final finishing to close pores and remove undulations can be achieved either by hand or equipment.

6 CURING TREATMENT

- Cure and seal Sikafloor[®] Chapdur immediately after finishing using any of the products in the Sika[®] curing compound range. (Refer to Product Data Sheet).
- Apply by roller or fine mist spray. Disperse any excess pools using a roller.
- Joints: After finishing operations and completing saw cuts, clean off any residual saw lubricant / slurry without delay. Joints can be filled with Sikaflex[®] Pro-3 WF in accordance with the floor design requirements.

LEGAL NOTE

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 products 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.

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EDITON: 8/2018,