METHOD STATEMENT

SIKAFLOOR® CHAPDUR
DRY SHAKE HARDENERS

SIKA LIMITED (VIETNAM)
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

<table>
<thead>
<tr>
<th>COATING</th>
<th>PRODUCT</th>
<th>CONSUMPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal traffic</td>
<td>Sikafloor® Chapdur</td>
<td>~ 4 kg/m³</td>
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<tr>
<td>Heavy traffic</td>
<td>Sikafloor® Chapdur</td>
<td>~ 5 to 6 kg/m²</td>
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</tbody>
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(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 Sikafloor® curing compound range. (Refer to Product Data Sheet).
- Apply by roller of 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

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