MasterKure® HD 100WB & 100C
Concrete hardener and dustproofer

DESCRIPTION
MasterKure HD 100WB is a sodium silicate-based concrete hardener and dustproofer that bonds chemically with the concrete to strengthen and harden floors that are porous, readily absorptive, and only moderately hard.

PRODUCT HIGHLIGHTS
• Hardens and densifies concrete floors to reduce absorption and prolong service life
• Non-film forming, resulting in reduced cleaning and maintenance costs
• Quick-drying for fast turnaround
• Residue-free for compatibility with most resilient floor-covering adhesives

APPLICATIONS
• Interior and exterior
• Floors and walls requiring a harder, easier-to-clean finish
• Docks and ramps

SUBSTRATES
• Freshly placed concrete
• Newly cured bare concrete
• Aged concrete
• Terrazzo (non-resinous)

PACKAGING
MASTERKURE HD 100WB
5-gallon (18.9 L) pails
55-gallon (208 L) drums

MasterKure HD 100C:
11 gallons (41.6 L) in a 55-gallon (208 L) drum; must be filled with soft potable water prior to use.

COLOR
Clear liquid

YIELD
See Chart on page 3.

STORAGE
Store in unopened containers in a cool, dry area between 35 and 85° F (4 and 29° C). Keep from freezing.

SHELF LIFE
15 months when properly stored.

VOC CONTENT
0 g/L, less water and exempt solvents.
HOW TO APPLY

SURFACE PREPARATION

GENERAL CLEANUP
1. Surfaces must be clean, dry, and free of contaminants, including parting compounds.
2. Rinse, then remove surface water.

FRESHLY PLACED CONCRETE
1. Complete finishing operations and allow visible surface water to dissipate prior to application of MasterKure® HD 100WB.
2. Surface must be able to bear foot traffic without marring or damaging the concrete.

NEWMU CURED BARE CONCRETE
1. Where concrete has not been membrane-cured, perform after-construction cleanup.
2. Level any areas gouged by trades and follow general cleanup instructions.

AGED CONCRETE OR NON-RESINOUS TERRAZZO
1. Mechanically remove aged membranes.
2. Patch, grout and fill cracks as necessary to restore the surface finish.
3. Follow general cleanup instructions.

VERTICAL WORK
1. After form stripping, repair and refine surface to meet project requirements. Remove remaining traces of parting compounds.
2. Ensure that surface is clean and free of surface moisture.

APPLICATION
1. Apply MasterKure HD 100WB by brush, squeegee, or hand sprayer. Spray application produces the best results.
2. Always apply to form a continuous, uniform film over the surface. Brush out any accumulations of excess material immediately.
3. One coat will typically produce a light-duty surface. Surface wearability increases with each additional application. Coverage is influenced by surface conditions and porosity, as well as job requirements. Refer to the yield chart.
4. It is the responsibility of the user to adjust the curing rate to properly regulate the hydration of the concrete. Two applications may be required. The rates given are approximate, assuming average concrete finish, temperature, and admixture used.
5. Each application must be thoroughly dry before the next is applied (See Drying Time).
6. When used as a curing aid, apply to edges after forms are removed.

CLEAN UP
Clean all tools and equipment with water immediately after use. Thoroughly flush sprayers. Dispose of unused material according to local regulations.

DRIYING TIME
1. MasterKure HD 100WB penetrates in approximately 30-60 minutes per application, depending on temperature, humidity and job conditions. Each application must penetrate thoroughly before proceeding with the next.
2. MasterKure HD 100WB must completely dry before accepting any traffic. Allow 24 hours before subjecting to heavy traffic.

FOR BEST PERFORMANCE
• If MasterKure HD 100WB freezes, warm and stir to uniformity. If separation is persistent, discard product and do not use.
• When transferring MasterKure HD 100WB from the original sealed container, use only plastic buckets or pails.
• Do not apply MasterKure HD 100WB to resin-based terrazzo mixes.
• MasterKure HD 100WB will not remediate honeycombed or structurally unsound surfaces.
• Do not allow MasterKure HD 100WB to come in contact with any glass, fabric, metal, or painted surfaces. Immediately wipe contaminated surfaces with a clean water-saturated cloth, then wipe dry with a second clean cloth.
• For subsequent coating applications, consult coating manufacturer for surface preparation and application instructions.
• Do not apply MasterKure HD 100WB to floors that have been previously sealed or treated with curing and parting compounds unless these products have been chemically or mechanically removed.
• Do not apply MasterKure HD 100WB to resin-based terrazzo mixes.

Technical Data
MasterKure HD 100WB is sodium-silicate-based.

Compliances
• USDA compliant for use in meat and poultry areas

Yield
Approximate ft²/gal (m²/L) per coat

<table>
<thead>
<tr>
<th></th>
<th>ROUGH FINISH</th>
<th>FINELY TEXTURED</th>
<th>WELL TROVELED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newly Placed Concrete</td>
<td>300 (7.4)</td>
<td>400 (9.8)</td>
<td>500 (12.3)</td>
</tr>
<tr>
<td>Newly Cured Bare Concrete</td>
<td>200 (4.9)</td>
<td>300 (7.4)</td>
<td>400 (9.8)</td>
</tr>
<tr>
<td>Aged Concrete</td>
<td>150 (3.7)</td>
<td>200 (4.9)</td>
<td>250 (6.2)</td>
</tr>
<tr>
<td>Vertical Work</td>
<td>—</td>
<td>200 (4.9)</td>
<td>300 (7.4)</td>
</tr>
</tbody>
</table>

For best results for succeeding coats, increase coverage rate for each succeeding coat. Coverage varies with application method and the texture and porosity of the surface.
HEALTH, SAFETY AND ENVIRONMENTAL
Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting buildingsystems.basf.com, e-mailing your request to basfbscst@basf.com or calling 1(800)433-9517. Use only as directed.
For medical emergencies only, call ChemTrec® 1(800)424-9300.

LIMITED WARRANTY NOTICE
BASF warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. BASF MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the sole option of BASF. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. BASF WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on BASF’s present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. BASF reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.