MasterSeal® M 270 NP
Polyurethane Base Coat for MasterSeal Traffic 2500, 2530 and 2575 Primerless Deck Coating Systems

DESCRIPTION
MasterSeal M 270 NP is a two-component polyurethane base coat for use in MasterSeal Traffic 2500, 2530 and 2575 Primerless deck coating systems.

MasterSeal M 270 NP is a fast-curing base coat with outstanding mechanical properties, including excellent elongation without the use of primer.

PRODUCT HIGHLIGHTS
• Primerless base coat provides a simpler application process and material and labor cost savings
• Two-component base coat provides faster setting times, even in cooler climates
• Seamless waterproof membrane helps protect concrete from freeze/thaw damage

APPLICABLE SYSTEMS
• MasterSeal Vehicular 2500 Primerless
• MasterSeal Vehicular 2530 Primerless
• MasterSeal Vehicular 2575 Primerless
• MasterSeal Pedestrian 2500 Primerless

VOC CONTENT
MasterSeal M 270 NP has the following g/L VOC contents less water and exempt solvents:
• MasterSeal M 270 NP Part A: 4 g/L
• MasterSeal M 270 NP Part B: 5 g/L

PACKAGING
MasterSeal M 270 NP
– 4.66 gallon (17.64 L) pails

SHELF LIFE
When properly stored, MasterSeal M 270 NP products have the following shelf life:
4.66-Gallon Pail: 1 Year

STORAGE
Store in unopened containers in a cool, clean, dry area

YIELD
See preferred MasterSeal Deck Coating Solution for total system yield

COLORS
Clear/Amber
Technical Data

Composition

MasterSeal M 270 NP is a fast-curing polyurethane base coat.

MasterSeal M 270 NP cures in 3–4 hours when tested at 73 °F (23 °C) and 50% relative humidity.

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>M 270 NP RESULTS</th>
<th>TEST METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength, psi (MPa)</td>
<td>3,000 (20.7)</td>
<td>ASTM D 412</td>
</tr>
<tr>
<td>Elongation, %</td>
<td>950</td>
<td>ASTM D 412</td>
</tr>
<tr>
<td>Hardness, Shore A</td>
<td>67</td>
<td>ASTM D 2240</td>
</tr>
<tr>
<td>Solids, %</td>
<td>99</td>
<td></td>
</tr>
<tr>
<td>Viscosity, cps*</td>
<td>3,400</td>
<td></td>
</tr>
</tbody>
</table>

See preferred MasterSeal Deck Coating Solution for system-specific physical properties and test results.

*Cold temperatures will increase viscosity.

HOW TO APPLY SURFACE PREPARATION I MIXING AND APPLICATION

Please see preferred Master Seal Deck Coating Solution for total system and aggregate surface preparation and application.

MasterSeal M 270 NP is applied without primer per system application instructions.

Health, Safety and Environmental

Read, understand and follow all Material Safety Data Sheets and product label information for this product prior to use. The MSDS 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.

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