

# MasterSeal<sup>®</sup> M 270 NP

Polyurethane Base Coat for MasterSeal Traffic 2500, 2530 and 2575 Primerless Deck Coating Systems

#### 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

#### 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

#### INDUSTRIES/APPLICATIONS

- Stadiums
- Balconies
- Parking Garages
- Commercial Construction
- Building and Restoration
- Plywood Decks/Balconies
- Plaza Decks

#### 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

**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**

PROPERTY	M 270 NP RESULTS	TEST METHOD
Tensile Strength, psi (MPa)	3,000 (20.7)	ASTM D 412
Elongation, %	950	ASTM D 412
Hardness, Shore A	67	ASTM D 2240
Solids, %	99	
Viscosity, cps*	3,400	

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

\*Cold temperatures will increase viscosity.

---

**HOW TO APPLY SURFACE PREPARATION | 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 [www.master-builders-solutions.com/en-us](http://www.master-builders-solutions.com/en-us), e-mailing your request to [mbsbscst@mbcc-group.com](mailto:mbsbscst@mbcc-group.com) or calling 1(800)433-9517. Use only as directed.

**IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.**

---

#### LIMITED WARRANTY NOTICE

Master Builders Solutions Construction Systems US, LLC (“Master Builders”) 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. MASTER BUILDERS 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 shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of Master Builders. 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. MASTER BUILDERS 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 Master Builders’ present knowledge and experience. However, Master Builders 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. Master Builders 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.

**FOR PROFESSIONAL USE ONLY. NOT FOR SALE TO OR USE BY THE GENERAL PUBLIC.**