

# MASTERTOP® NEO V II C

*Elastomeric neoprene waterproofing membrane*

## DESCRIPTION:

MASTERTOP NEO V II C Membrane is the economical one-component latex neoprene elastomer for use as seamless waterproofing membrane. This unique polymer-based membrane maximizes flexibility and elongation to provide excellent crack bridging capabilities in temperatures below freezing.

MASTERTOP NEO V II C membrane is used as an intermediate coat and must be topcoated with another Master Builders Technologies product, such as KELMAR epoxy wear course or KELMAR F.W.C. II wear course. Other floor or deck products, such as seamless epoxy floors, tile and terrazzo are often used as overlays. MASTERTOP NEO V II C membrane is ideal for areas where solvent fumes are unacceptable, such as in parking structures, cold storage rooms, computer rooms and mechanical equipment rooms.

## ADVANTAGES:

- Economical
- Flexible over a wide range of temperatures
- Allows installation of full thickness in one application
- Low permeability to chlorides and other chemicals
- Seamless to insure protection from water intrusion
- One component
- Higher solids
- Odorless
- Nonflammable

## COLORS:

Translucent Beige

## TYPICAL PHYSICAL PROPERTIES:

<b>Percent Solids:</b> (ASTM C 836)	60 to 62% By weight
<b>Density:</b>	Mixed: 10 lb/gal (1.2 gm/cc) at 72°F (22°C)
<b>Flammability:</b>	Self Extinguishing
<b>pH:</b> (ASTM D 3716)	12.3
<b>Viscosity:</b> (ASTM D 2196)	5000 cps at 50% relative humidity 72°F (22°C)
<b>Tensile Strength:</b> (ASTM D 412)	600 psi (4 MPa)
<b>Tensile Elongation:</b> (ASTM D 412)	700%
<b>Abrasion Resistance:</b> (ASTM C 501 Modified,	.033 gm per 1000 cycles CS-17 Wheel, 1000 Gm Load)

**Impact Resistance:** 160 in•lb  
(Gardner Impact Tester)

**Peel Adhesion, To Concrete:**  
(ASTM D 903) 15 pli  
(0.27 kg/mm width)

**Adhesion, Epoxy to Membrane:**  
(ASTM D 4541) 315 psi (2 MPa)

**Ultra-Violet Light Resistance:**  
(ASTM G 25)

Slight Brown 24 hr

Dark Brown 7 days

No effect on film integrity or resilience

**Recoat Time:** 12 to 16 hours at 72°F (22°C)  
50% relative humidity

**Cure Time:** 6 to 8 hours at 72°F (22°C)  
(TT-S-00227E) 50% relative humidity

**Cure Time, before traffic:**  
24 hours at 72°F (22°C)  
50% relative humidity

## LIMITATIONS:

- Substrate and air temperature must be a minimum of 55°F (12°C) during the entire application cycle.
- Store material in a cool, dry area [50°F to 90°F (10°C to 32°C)] away from direct sunlight, flame or other hazards.

## APPLICATION:

This product applied only by Master Builders certified contractors. Follow detailed instructions in the certified contractor installation manual.

## Surface Preparation:

- Surface and air temperatures must be at least 55°F (12°C) during installation and initial cure.
- Concrete substrate should have laitance removed, preferably, by shot blast method. For inaccessible areas, consult manufacturer and/or certified contractor for alternate methods of preparation.
- All surfaces to receive MASTERTOP NEO V II C membrane must be primed with DUALOX SF.

## SAFETY:

- For industrial and professional use only.
- For detailed safety guidelines, please refer to the product Material Safety Data Sheet (MSDS).

For more information, please contact your local Master Builders Inc. Representative.

## JOB SITE ASSISTANCE

Master Builders, upon request, may furnish to Purchaser such technical advice, assistance or recommendation(s) as it may be able to reasonably furnish with reference to the use of any material or product delivered hereunder. Purchaser, however, acknowledges that (i) such advice, assistance or recommendation(s) are being provided as a matter of customer service only, (ii) Master Builders is not providing supervision or quality control, (iii) Master Builders is not being compensated for such advice, assistance or recommendation(s), (iv) Master Builders assumes no obligation or liability of any nature for the advice, assistance or recommendation given or the results obtained, and (v) any final decisions rest with the Owner, Contractor and/or Engineer/Architect, as the case may be.

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