

MASTERTOP® DUALOX SF®

Water-based epoxy primer

DESCRIPTION:

MASTERTOP® DUALOX SF® is a solvent free, low viscosity, two part, water based epoxy primer/bonding agent.

TYPICAL USES:

- Use as a primer/bonding agent over properly prepared substrates to receive latex neoprene membranes such as NEO-V II C
- Use as a latex modifier in cementitious mixes for leveling surface voids in concrete

ADVANTAGES:

- Solvent free
- Excellent adhesion to concrete
- No VOC (no red label)
- Low viscosity
- Long pot life and working time
- Spray or roller application
- Low odor

COLORS:

Resin is Light Blue, Hardener is White

TYPICAL PHYSICAL PROPERTIES:

Pot Life:	72°F (22°C)	1.5 hrs.
Tack Free Time:	72°F (22°C)	4 hours
(Thin Film)		50% relative humidity
Recoat Time:	72°F (22°C)	16 hours
		50% relative humidity
Density:	72°F (22°C)	9.2 lb/gal (1.1 gm/cc)
Viscosity:	72°F (22°C)	13,500 cps
(Mixed 1:1 by volume)		
Percent Solids:		41%
(Mixed 1:1 by volume)		
Peel Adhesion on Concrete:		
(ASTM D 903)		15.5 pli with membrane topcoat

Mix Ratio:

By Volume

- 1 Part MASTERTOP DUALOX SF Resin (Part A)
- 1 Part MASTERTOP DUALOX SF Hardener (Part B)
- 1 Part water

Coverage Rate:

285 ft²/gal* per mixed gallon at 2 mils dft

* Coverage will vary depending upon the surface profile resulting from the method of surface preparation employed.

LIMITATIONS:

- 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. DO NOT FREEZE.
- Substrate temperature must be a minimum temperature of 55°F (12°C) during the entire application cycle.
- The substrate temperature should be at least 5°F (2.5°C) above dew point.
- Prime only the areas that can be covered during the tacky time of the primer.

APPLICATION:

This product applied only by Master Builders Certified Contractors.

SURFACE PREPARATION:

- Surface and air temperatures must be at least 55°F (12°C) during installation and initial cure.
- The substrate temperature should be at least 5°F (2.5°C) above dew point.
- The concrete substrate must be clean, sound, dry and free from all contaminants detrimental to bond.
- 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.

SAFETY:

For industrial and professional use only.

For detailed safety information, please refer to the product Material Safety Data Sheet (MSDS).

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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