



Towerthon® Elastomeric Coating



TOWERTHON

DESCRIPTION

Towerthon Elastomeric Coating is a high solids, internally plasticised, elastomeric coating formulated for use on masonry, concrete, prepared vinyl and aluminum siding, properly primed metal and primed wood.

Towerthon's excellent elongation properties, even at low temperatures, make it the coating of choice for hairline or "spider web" cracked surfaces. It moves with the building, expanding and contracting to maintain a water-repellent barrier. The high elongation and recovery properties allow this product to bridge cracks up to 1/16 of an inch.

Towerthon has excellent weathering and colour retention properties and contains a fungicide for added mildew resistance on the dried film. Approved by the Master Painter's Institute under category #40 and # 113.

FEATURES

- Excellent for cracked surfaces
- Great for stucco or commercial project use
- Towerthons elastomeric properties allows for a durable surface that will expand and contract with the building

RECOMMENDED USES

For exterior use on a variety of substrates including masonry, wood, prepared vinyl and aluminum siding, stucco and primed metal surfaces. A minimum of 2 coats is required to achieve the recommended film build of 12 - 16 mils DFT.

TECHNICAL CHARACTERISTICS

BASES	VOC (g/L)*
White Base (20150)	< 56
Deep Base (20152)	< 56
Neutral Base (20153)	< 56

*Before thinning and the addition of colourants

FINISH

Gloss Category: Gloss Level 1 - Traditional 'Flat' Matte

SOLIDS & DENSITY

Volume: 50%

Weight: 64%

Density: 11.36 lbs / gallon

FILM THICKNESS (PER COAT)

Wet: 12 - 15 mils (300 - 375 microns)

Dry: 6 - 8 mils (150 - 187.5 microns)

THEORETICAL COVERAGE (PER COAT)

100 - 133 ft² per gallon

VISCOSITY

116 - 124 KU

DRYING TIME

at 25°C (77°F) and 50% Relative Humidity

Tack Free: 18 hours

Re-Coat: 24 hours

REDUCERS

Not normally recommended.

SHELF LIFE

2 Years unopened.

COMPLIANCE INDICATORS at 01/26/2024

MPI #40, MPI #113

PERFORMANCE CHARACTERISTICS

Tensile Strength

Method: ASTM D2370. Films cured for 21 days at 77°F and 50% RH.

Result: (Average stress at max. load)

At 25°C, 123 psi. At -18°C, 912 psi

Elongation

Method: ASTM D2370. Films cured for 21 days at 77°F and 50% RH.

Result: (Average % strain at break)

At 25°C, -616%. At -18°C, -43%

Wind Driven Rain

Method: ASTN D6904

Result: Pass

Flexibility

Method: ASTN D522 A

Result: Pass

Low Temperature Flexibility

Method: ASTN D522

Result: Pass (Film equilibrated prior to bend)

Water Vapour Permeance

Method: D1653 Films applied in 2 coats to 15 mils (Wet Cup)

Result: > 35 US Perm

Weathering

Method: ASTM G53 Accelerated (UVB-313)

Result: > 3,000 hours

Efflorescence Resistance

Method: ASTM D7072

Result: Pass



SURFACE PREPARATION

Surface preparation is important. All surfaces must be smooth, clean, dry, free of mildew, grease, soap film, sanding dust or other contaminants. Remove all loose or peeling material from previously-painted surfaces. Wash all surfaces with a solution of 3 tablespoons of (Phosphate-free) TSP in a gallon of warm water. Rinse thoroughly, allow to dry and then scuff sand using 80-120 grit sandpaper on a hand sander. Remove all sanding dust. Do not apply at temperatures below 10°C (50°F).

WARNING! If you scrape, sand or remove old lead paint from any surface you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. For additional information, Canadian customers contact the Product Safety division of Health Canada at 1-800-O-CANADA, US customers contact the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323).

Special Note: This product contains a sufficient level of an Environment Canada approved mildewcide to prevent mold, mildew and algae from growing on the surface of the coating. As mildew growth is, to a large degree dependent on a surface preparation and local conditions, Cloverdale Paint cannot guarantee that mildew will not grow through or on any contaminants which may have deposited on the surface of the coating.

RECOMMENDED PRIMERS

Pre-Painted Surfaces: Self-Priming on properly-prepared pre-painted surfaces. Wash with a solution of 3 tablespoons of (Phosphate-free) TSP in a gallon of warm water. Rinse thoroughly, allow to dry, and then scuff sand using 80 to 120 grit sandpaper on a hand sander. Remove all sanding dust.

New or Bare Wood: Use Cloverdale Prime Solution Exterior Alkyd Primer (15130) or Cloverdale Prime Solution Exterior Acrylic Primer (05130).

Masonry: Self-priming or Cloverdale Latex Block Filler (05700).

Ferrous Metals (Steel, Iron): Use a suitable anti-corrosive primer such as Cloverdale 703-Series water-based or 710-Series solvent-based Rustex® primer.

APPLICATION EQUIPMENT

Brush: Use a synthetic bristle brush

Roller: Use a 15- 20mm nap synthetic lint-free cover

H.V.L.P Spray: 10 psi cap pressure 1.3 tip size

Airless Spray: Pressure 1800-2000 psi, Tip .019" - .021"

Note: Do not thin. Back-rolling may be undertaken however must be done immediately after spraying. HVLP or other spray equipment may require some reduction. Use up to 10% with clean water.

SAFETY PRECAUTIONS

READ LABEL AND SAFETY DATA SHEET PRIOR TO USE.

For detailed information please refer to SDS

First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Wash contaminated skin with soap and water. If ingested, call physician or the Poison Control Centre immediately.

Recent Amendments: Check for recent amendments to this data sheet at www.cloverdalepaint.com

Last Modification date: 01/26/2024

LIMITATION OF LIABILITY

To the best of our knowledge, the technical data contained herein are true and accurate at the time of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. All technical advice, recommendations and services regarding this product are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable and are intended for use by persons having skill and know-how, at their discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from this product use by Buyer whether as recommended herein or otherwise. Such recommendations, technical advice or services are not to be taken as a license to operate under or suggest infringement of any patent.

WARRANTY

Cloverdale Paint Inc. warrants its products to be free from defects in material and workmanship. At its option, Cloverdale Paint Inc. will either replace products not conforming to this warranty or credit the Buyer's account the invoiced amount for the non-conforming products. This is Cloverdale Paint Inc.'s sole obligation and Buyer's exclusive remedy in connection with the products. In no event shall Cloverdale Paint Inc. be liable for special, indirect, consequential or incidental damages. By purchasing this product the Buyer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the Buyer or implied by any applicable law. Any claim under this warranty must be made in writing by the Buyer to Cloverdale Paint Inc. within ten (10) days of discovery of the claimed non-conformance, but in no event later than one (1) year from the delivery date. The Buyer's failure to notify Cloverdale Paint Inc. of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.