



ChemMasters

SPECIALTY CONSTRUCTION PRODUCTS

TEXTUREDOT

TEXTURED ACRYLIC COATING
FOR CONCRETE AND MASONRY



P R O D U C T D A T A

DESCRIPTION

TextureDOT is a heavy bodied, 100% acrylic emulsion, decorative, textured coating. It develops a tough, durable, water repellent film that is alkali, acid and mildew resistant. TextureDOT also contains an inhibitor to prevent mold and fungus growth.

USES

- Interior or exterior, vertical and overhead concrete and masonry surfaces
- Poured and formed walls, block, brick, cement plaster, stucco, wall board and sheet rock
- Sealing jersey and median barriers, sound deflection walls, bridge abutments and retaining walls
- Decorative water repellent finish
- Textured finish hides defects in the substrate

ADVANTAGES

- Superior color stability under harsh ultraviolet light exposure
- Excellent hiding power minimizes minor surface imperfections and defects
- Resistant to stains, dirt and atmospheric pollutants
- Provides uniformly colored, textured finish
- Exceptional moisture vapor transmission
- Will not crack or peel
- Expansion and contraction characteristics compatible with concrete and masonry surfaces
- Durable, outlasts standard paints 2 : 1
- Available in 9 standard colors or any federal color for DOT applications.

TECHNICAL DATA

Federal Specification TT-C-55B, Coating Textured, Type I or II

Approved in the Commonwealth of Kentucky as an ASTM C1315 - Class B curing compound. Also approved as a masonry coating and is recognized for combined use.

Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59

U.S.D.A. approved for incidental contact in federally inspected meat, fish and poultry plants

V.O.C. Content: 44 gm/L

Solids: 72-74%

NCHRP 244, Series II Cube Test

Weight gain: <15% of untreated cubes

Absorbed chloride: < 15% of untreated cubes

NCHRP 244, Series IV Southern Exposure

Absorbed chloride: < 10% of untreated sample

Blister Box Method @ 2,000 hours

no evidence of blistering, peeling, or loss of adhesion

Fading: Fade-O-Meter, (Atlas Model FO-1352LV)

100 hours with no change from control

Weathering: Weatherometer-Model XWR-CAM No. R-47-102-18

2,000 hours with no evidence of degradation

Freeze-Thaw: 1.5 hours in water

4.5 hours at 5°F (-15°C)

2 hours at 50°F (10°C)

300 cycles with no evidence of degradation.

Impact Resistance (ASTM D2794)

no coating failure or chipping

Flexibility (Mandrel Test)

no breakage of coating @ 180° over 1" mandrel

Salt Spray Resistance (ASTM B117) @ 2,000 hours

no signs of deterioration or loss of bond

Absorption < 0.6%

Scaling Resistance (ASTM C672)

no scaling after 50 cycles

Fire Hazard (ASTM E84)

Smoke density, fuel contribution and flame spread

All under 25 (NFPA Class A)



ChemMasters

An American Owned & Operated Company
300 EDWARDS STREET • MADISON, OHIO 44057-3112
(440) 428-2105 • FAX (440) 428-7091 • ORDER LINE: (800) 486-7866

Revised: Mar 2010

Moisture Vapor Transmission (ASTM D-1653)
Exceeds minimum 3 perms

Bond Strength (ASTM C-190-59) >315 psi >2 MPa

PACKAGING AND ESTIMATING GUIDE

TextureDOT is available in 5 U.S. gallon (18.9 Liter) pails and 55 U.S. gallon (208 Liter) drums.

Actual coverage is dependent upon surface texture and density. The guidelines rate is 50 Ft.²/gal (1.25 M²/L) or 32 wet mils

DIRECTIONS

SURFACE PREPARATION: The performance of TextureDOT is dependent on the quality of the substrate preparation. All surfaces must be free of soot, dirt, form release agents, grease, waxes, laitance, efflorescence and any other foreign matter. Any chalking, oxidation or unsound substrate must be removed prior to coating. Repair all holes, cracks and mortar joints. Acceptable methods of surface preparations are water-blast, sandblast or soda-blast. Preparation should expose the sand matrix portion of concrete and leave a surface texture consistent with 100 grit sandpaper. After blasting, air broom or power sweep the surface to remove dust and sand from the surface and to clear the opened pores. Contact ChemMasters for advice on pretreatment of powdery surfaces. If there is any doubt a test patch should be applied.

MIXING: TextureDOT is packaged ready to use. Do not thin with water or solvent. Blend well using a mechanical drill and paddle type mixing prop to properly disperse aggregate and pigment. Stir occasionally during application to maintain uniform color and texture.

Under very hot, dry or windy conditions, surface to be coated may be fog sprayed with potable water to make application easier.

APPLICATION: Do not apply unless the surface and air temperature is at least 50°F (10°C). The temperature must stay above this temperature for a minimum of 24 hours after application for the coating to cure properly. TextureDOT should not be applied if rain is expected within 24 hours of application. The temperature should be a minimum 5°F (2.7°C) above the dew point prior to application and for a minimum of 4 hours after application of TextureDOT. Apply using a brush, heavy nap roller or spray equipment equipped with a texture gun, 8mm nozzle with a fine finish tip and capable of fluid pressures of 50 psi. Graco's GTX 2000 / GM 1030 / President 10:1 texture units or equal are recommended. Avoid buildup in roller ends to prevent lap marks.

Final strokes should be applied in a single direction for best appearance. A second coat may be applied within 2-4 hours after the first, depending on weather conditions.

KENTUCKY DOT CURING

TextureDOT must be applied after all bleed water has dissipated (approximately 1.5 hours after final finish). If not applied at this time, the surface must be profiled mechanically or chemically to remove laitance or contaminants. Refer to State specifications or plan notes for coverage requirements.

CLEANUP

Clean tools and equipment with warm water and soap or detergent before material dries and hardens.

LIMITATIONS

- Not recommended for waterproofing or damproofing of exterior horizontal surfaces, floors or below grade interior walls. Iron particles in block, brick or mortar may cause discoloration through the coating
- Keep from freezing. If frozen, thaw at room temperature. Remix thoroughly. If Textured II can be stirred to original consistency, bonding qualities are generally not impaired

STORAGE

Keep from freezing. Store tightly sealed containers in warm, dry area on pallets above 40°F (4°C) and below 95°F (34°C). Shelf life of properly stored material is one year from date of manufacture.

CAUTION

May cause eye irritation. Do not take internally. Keep out of reach of children.

Make certain that the most current versions of the product data sheet and MSDS are being used. Go to www.chemmasters.net or contact ChemMasters customer service at 1.800.486.7866 to verify the most current version.

Proper application is the responsibility of the user. ChemMasters can only make technical recommendations and cannot provide quality control on the jobsite.

All label precautions and the MSDS must be fully understood before using this product

This Product is Formulated and Labeled for Industrial and Commercial Use Only

FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET AND PACKAGE LABEL FOR THIS PRODUCT

We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such expresses warranties offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.