

FLORIC POLYTECH

MT-200

Protective Coating and Resurfacer Technical Data Sheet

1.) PRODUCT DESCRIPTION

Florlic Polytech MT-200 is a multi-use polymer modified cementitious topping designed to enhance and beautify the appearance of new and old worn concrete. It is used in conjunction with our concrete patch and repair products, and was designed to restore patched and repaired concrete substrate to a monolithic state. It may be broom finished like concrete, or commonly flat troweled. MT-200 may be applied in several application techniques to simulate, brick, tile, flagstone, color hardened concrete, and an array of other finishes.

A) Composition

A two-component product, Florlic Polytech MT-200 consists of a unique, proprietary, rubber-like liquid that is mixed at the time of application with a proprietary cement-aggregate blend. The resulting combination, when applied by brush, trowel, squeegee, roller or spray, produces a tough, water-retardant coating with many desirable properties. Florlic Polytech MT-200, when installed in typical thickness, is approximately 3/32" (2.4mm), and lightweight, 1.1 lb. p.s.f. (5.35kg). Although extremely flexible, the material is notably abrasion resistant. It may be used interior or exterior in a wide range of climates and has excellent UV stability. MT-200 also restricts water penetration and salt attack.

Florlic Polytech MT-200 is available in two standard natural colors – White and Light Gray, however, it may be integrally pigmented in a wide range of additional colors. Florlic Polytech MT-200 may also be antiqued or chemical stained. The texture and coloration options are almost unlimited.

B) Typical Uses

Some of the typical uses for MT-200 are:

General concrete restoration and beautification of:

- Swimming pool decks and walkways
- Patios, driveways, balconies and roof decks
- Stadium bleachers and food concession areas.
- Parking structures and automobile traffic surfacing.
- Plaza and sidewalk resurfacing after repair.
- Water parks and amusement parks
- Entertainment environments requiring themed flooring.
- Restaurants, bars, casinos, etc.

Florlic Polytech MT-200 Micro-Topping may also be used to produce a wide range of skid-resistant profiles.

C) Advantages - Limitations

Advantages

- 1) Water-retardant
- 2) Thin-section
- 3) Slip-resistant (when incorporated with non-slip medium)
- 4) Abrasion-resistant
- 5) Low cost
- 6) Low maintenance (when sealed accordingly)

Limitations

1. May reflect working cracks in substrate.
2. Not recommended for applications below 50°F

2.) PHYSICAL CHARACTERISTICS AND TECHNICAL DATA

A) System thickness

3/32" of inch

B) Compressive Strength

(ASTM C-109) 2,400 p.s.i

C) Impact Resistance

(Mil-D-3134) Complies

D) Thermal Shock

(ASTM D-1211) Good

E) Flexibility

(ASTM D-1737, 180° Bend,
3/16" Mandrel) Passes

F) Chemical Resistance

Environment	Immersion	Splash or spill
Acid	NR	LR
Alkali	LR	LR
Cola	R	R
Motor oil	NR	LR
Solvent	NR	LR
Salts	R	R
Water	R	R
Whiskey	LR	R

NR - Not Recommended
LR - Limited Recommendation
R - Recommended

G) Gloss Semi-gloss

(When sealed with CS-100 clearseal)

H) Tensile Strength

(ASTM C-190) 425 p.s.i

I) Abrasion Resistance 140.0mg

(ASTM D-4060)
CS-17 Disk, 1KG, 1000 Cycles-
(When sealed with ON-2000 Clearseal)

J) Shore Hardness

(ASTM D-2440) Durometer "A" 80

3.) Installation

A) Prepare surface by careful and thorough removal of laitance, grease, and foreign matter.

B) Apply first coat of Florlic Polytech MT-200 by squeegee, brush or trowel.

C) Apply second coat (and third coat when heavy traffic requires) by trowel, spray, roller or brush.

D) Apply two to three coats of Florlic Polytech color seal and/or clear sealer by roller, brush or sprayer, according to manufacturer's recommendations based on use, maintenance, and service requirements.

4.) PRODUCT AVAILABILITY

East and west coast distribution coordination

Contact: Florlic Polytech distribution

PH# (909) 483-1870

Fax# (909) 483-1869

Consult Florlic Polytech for specification assistance, detailing etc. This consultation is highly recommended.

Rancho Cucamonga, CA 91730

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5.) SPECIFICATION AND TECHNICAL ASSISTANCE

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