FLORIC POLYTECH

MT-200 Micro-topping Technical Data Sheet

1.) PRODUCT DESCRIPTION
Floric Polytech MT-200 Micro-Topping is a multi-use cementitious architectural topping designed to give the effect of color harden concrete with a hard trowel finish.

A) Composition
A two-component product, Floric Polytech MT-200 Micro-Topping consists of a unique proprietary rubber-like liquid which 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. Floric Polytech MT-200 Micro-Topping, 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 the widest range of climates. MT-200 restricts water penetration and salt attack.

Floric Polytech MT-200 Micro-topping is available in two standard natural colors – White and Light Gray, however, it may be integrally pigmented in a wide range of additional colors. Floric Polytech MT-200 Micro-Topping 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:
- Stadium bleachers and food concession areas.
- Parking structures and automobile traffic surfacing.
- Plaza and sidewalk resurfacing after repair.
- Designer retail flooring.
- Entertainment environments requiring themed flooring.
- Restaurants, bars, and casinos, etc.

Floric Polytech MT-200 Micro-Topping may also be used to produce a wide range of non 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.) 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
When sealed with ON-2000 Clearseal

(ASTM D-1308)

Gasoline	*No Effect*
Motor Oil	*No Effect*
Coffee	*No Effect*
Windex	*No Effect*
Formula 409	*No Effect*
Methanol	*Loss of Gloss*
10% Na-OH	*No Effect*
10% Acetic Acid	*Destroyed*
10% HCl	*Swelling*
	Recovered
10% Sulfuric Acid	*Swelling*

G) Gloss, 60 degrees >75
(ASTM D-523)
(When sealed with ON-2000 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 Floric 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 Floric Polytech 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: Floric Polytech distribution
PH# (909) 483-1870
Fax# (909) 483-1869
Consult Floric Polytech for specification assistance, detailing etc. This consultation is highly recommended.

5.) SPECIFICATION AND TECHNICAL ASSISTANCE
Floric Polytech
Rancho Cucamonga, CA 91730
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