1.) PRODUCT DESCRIPTION

A) Composition
Floric Polytech Epamine Chroma Quartz is a durable, trowel applied flooring system that consists of colored quartz aggregate encapsulated in a clear epoxy resin matrix, producing a seamless flooring system incorporating an integral seamless cove base. It is resistant to hydrocarbon greases, food greases and fats, and a wide range of chemicals and solvents; it has excellent cleanability, and a superior appearance providing lasting beauty and color. Floric Polytech Epamine Chroma quartz is a V.O.C. compliant 100 % solids system (SQAMD Rule 1113), with no odor.

B) Typical Uses
Floors for toilet and locker room, institutions, laboratories, classrooms, food service, meat and poultry plants and certain kitchen areas.

C) Advantages - Limitations
Advantages
1. Excellent cleanability and abrasion resistance.
2. Available in many textured profiles from smooth to completely no slip 30 mesh
3. Complies with VOC regulations.
4. Dries for reseed in 4-6 hours
5. 20 – 25 minute pot-life
6. May be incorporated with Epamine waterproofing membrane
7. Available with anti-microbial additive upon request
8. increased resistance to blush under adverse conditions

Limitations
1. Low thermal shock resistance
2. Moving cracks in concrete may reflect through finish.

2.) PHYSICAL CHARACTERISTICS AND TECHNICAL DATA

A) System thickness
1/16” – 1/8” (62 – 125 mils)

B) Shore D hardness  
(ASTM D-2240) 88

C) Gel Time  
(150g mass 77F) 32 min

D) Compressive strength  
(ASTM D-695-85) 11,000 psi

E) Flexural strength  
(ASTM D-790-86) 19,500 psi

F) Tensile strength  
(ASTM D-638-86) 10,000 psi

G) Gloss, 60 degrees  
(ASTM D-523-85) 120

H) Tensile elongation  
(ASTM D-638-86) 2.3%

I) Abrasion Resistance 133.5mg  
(ASTM D-4060) CS-17 Disk, 1KG, 1000 Cycles-

J) Ratio by Volume  
3 parts ‘A’ – 2 part ‘B’

K) Byk Gardner dry time  
4 hours.

3.) Installation
A) Prepare surface by careful and thorough removal of laitance, grease, and foreign matter.
B) Apply epoxy primer coat (Epamine ‘W’ primer), filling existing cracks or voids in the concrete. Note: if needed apply EJF semi ridged epoxy joint filler to cracks and control joints.
C) Spread Epamine Floodcoat resin by squeegee and back roll to achieve a uniform film build and desired thickness. Seed aggregate into wet resin to refusal.
D) After base coat is sufficiently cured sweep and vacuum up all excess aggregate, repeating step C. 1 to 2 times depending on desired thickness. Flood seal cleaned surface with Epamine Floodcoat resin to desired the finish.

4.) PRODUCT AVAILABILITY
East and west coast warehousing and distribution coordination
Contact: Floric Polytech  
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