1) PRODUCT DESCRIPTION

A) Composition
Floric Polytex Epamine 'HS' Clearseal is a two component 100% solids high gloss clear epoxy floor coating which is designed to function as both a topcoat and surface primer over a clean profiled substrate. It is water clear in color, high build, and may be applied from 8 – 250 wet mils. It is a federal and state V.O.C. compliant 100 % solids system (SQAMD Rule 113).

Epamine 'HS' Clearseal is a squeegee and roll applied flooring system that produces a seamless monolithic finish which may be incorporated with an integral seamless cove base. It is resistant to hydrocarbon greases, food greases fats, acids, a wide range of cleaning agents, chemicals and solvents. It has excellent cleanability and superior appearance providing lasting durability at reduced maintenance costs.

B) Typical Uses
Epamine 'HS' Clearseal is generally used in applications where a clear high build 100% solids clear epoxy resin floor coating is required. Common installations include high traffic areas such as retail, restaurant, casino, industrial warehouse floors, over chemical stains or cementitious toppings. It may be used in conjunction with other Floric Polytex seamless flooring systems such as, Epamine Chroma Quartz or Epamine Color Flake Products.

C) Advantages - Limitations

Advantages
- Excellent adhesion, cleanliness and abrasion resistance
- Available in many textured profiles from smooth to completely no slip 30 mesh.
- Complies with both federal and state VOC regulations.
- Dries for recoat in 6-10 hours.
- 20 – 25 minute pot-life.
- Is a high build coating, water clear in color with a thick film.
- Available with anti-microbial additive upon request.

Limitations
- Moving cracks in concrete may reflect through finish.
- Interior use only.
- Should not be applied over surfaces with higher than 3 lbs of MVE readings.

2) PHYSICAL CHARACTERISTICS AND TECHNICAL DATA

A) System Thickness
   (8 – 250 mils)
B) Shore D Hardness
   (ASTM D-2240) 88
C) Gel Time
   (150g mass 77°F) 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 Sng (ASTM D-4060) CS-17 Disk, 1KG, 1000 Cycles
J) Byk Gardner dry time
   8 hours
K) Pull-Off Strength
   (Elcometer-2day) 500 psi Complete Concrete Failure

3) INSTALLATION

A) Prepare surface by careful and thorough removal of laitance, grease, and foreign matter.
B) Apply epoxy primer coat, filling existing cracks or voids in the concrete. Note: if needed apply EJF 200 semi-rigid epoxy joint filler to cracks and control joints.
C) Apply topcoat by spreading Epamine 'HS' Clearseal resin by squeegee and back roll to achieve a uniform film and desired mil thickness.

4) PRODUCT AVAILABILITY & TECHNICAL ASSISTANCE

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It is HIGHLY recommended that onsite samples and mock-ups be made by the applicator. Representative test sections must be produced for the Owner's approval in writing and to ensure that applicators are familiar with the procedures and installation practices.

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