DESCRIPTION
Polyglaze 400FR is an aliphatic, two component, liquid applied, moisture cured, polyurethane coating. Polyglaze 400C-FR is designed for use in most areas of California to be in compliance with air quality standards. Polyglaze 400SC-FR is designed for use in Southern California to be in compliance with SCAQMD air quality standards.

FEATURES
- Fire Retardant
- Durable
- UV Resistance For Gloss Retention
- For use in SCAQMD areas, use only Polyglaze 400SC-FR
- For use in California, excluding SCAQMD areas, use only Polyglaze 400C-FR

TYPICAL USES
- Concrete
- Plywood
- Heavy Pedestrian Traffic
- Vehicular Traffic

COLORS
For Polyglaze 400FR (340VOC): Tan
For Polyglaze 400C-FR (250VOC): Tan, Dolphin Grey, Red and White. Tint-White with color packs are available in Stone Grey, Battleship Grey, Indian Sand, and Ash Brown
For Polyglaze 400SC-FR (100VOC): Tint-White with color packs are available in Stone Grey, Dolphin Grey, Battleship Grey, Tan, Indian Sand and Ash Brown

Custom colors are also available. Minimum order of 250 gallons (945 liters). See color chart for special provisions. Contact Polycoat Products for more information.

PACKAGING
6 gallon kit: One 6 gallon (22.7 liter) pail containing 1 gallon (3.78 liter) bag of Polyglaze 400 FR Part-1 Powder and One 5 gallon (18.9 liter) pail containing 5 gallons of Polyglaze 400 FR Part-2 Liquid.

MIXING
The volume mixing ratio is 1 part Polyglaze 400FR Part-1 Powder to 5 parts of Polyglaze 400 FR Part-2 Liquid.

Step 1: Mix the Polyglaze 400 Liquid using a mechanical mixer at slow speed until a homogeneous mixture and color is obtained. Use caution not to whip air into the material as this may result in pinhole blisters and/or shortened pot life.

Step 2: Remove plastic bag of Polyglaze 400 FR Part-1 Powder from the 6 gallon (22.68 liter) pail and set aside. Fill this empty container half full with the pre-mixed Polyglaze 400 FR Part-2 Liquid. Slowly add Polyglaze 400 FR Part-1 Powder, mixing with mechanical mixer. Ensure that all powder is transferred from the bag to the container. Continue mixing until no lumps are present, again being careful not to entrap air in the mixture.

Step 3: When Polyglaze 400 FR Part-1 Powder has been thoroughly blended into Polyglaze 400 FR Part-2 Liquid add the rest of Polyglaze 400 FR Part-2 Liquid. Mix with mechanical mixer until uniform mixture is obtained. Mixed material must be used within 2-4 hours of mixing the two components.
APPLICATION
For best results, airless sprayer or phenolic resin core roller may be used but extra care should be taken not to cause air bubbles.

Requires a continuous coating application to minimize lines and/or streaking.

CURING
At 75°F (24°C) and 50% relative humidity, allow each coat to cure 16 hours. Cure time will vary depending on temperature and humidity. If more than 48 hours passes between coats, re-prime the surface with Polylprime 21 or 2180 before proceeding.

Allow 24 hours before permitting light pedestrian traffic and at least 72 hours before permitting heavy pedestrian or vehicular traffic on the finished surface.

Uncured Polyglaze 400 FR is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application.

Low temperature and/or low humidity extend the cure time.

If accelerated curing is required, add one quart of Polyglaze Hardener in a 5 gallon pail of Polyglaze 400FR Part-2 Liquid and mix thoroughly. This accelerated Polyglaze 400FR will cure in 6-8 hours at 75°F (24°C) and 50% relative humidity.

EQUIPMENT CLEANUP
Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

STORAGE
Polyglaze 400 FR has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

LIMITATIONS
Surfaces must be dry, clean and free of foreign matter.

Surface may be slippery when wet.

Containers that have been opened must be used as soon as possible.

Do not dilute under any circumstance.

Mix only materials that can be used within 2-4 hours.

The following conditions must not be coated with Polycoat Products deck coating systems or products: on below grade slabs, split slabs with buried membrane, sandwich slabs with insulation, slabs over unvented metal pan, suspended pool decks, swimming pools, magnesite, lightweight concrete, asphalt surfaces and asphalt overlays.

WARNING
This product contains Isocyanates and Solvent.

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