



TECHNICAL DATA SHEET #5

FP 510 Part A & B Pore Sealer

GENERAL DESCRIPTION:

FP 510 is a two component, polyurethane based coating.

FP 510 is designed for use in conjunction with rubber granules to create a non-porous sport surface. It is normally applied over the basemat by squeegee, prior to the application of a BTR structural spray system.

TYPICAL PROPERTIES:

Refer to table below.

Density	at 20° C (68° F)	1.12 to 1.22 g/cm
Viscosity	at 20° C (68° F)	2600 to 3400 cPs
Color		Black, Blue, Green, Red Special Order Colors
Mixing Ratio by Weight:		2.27: 1
Pot Time	at 20° C (68° F)	30 to 40 minutes
Shore A Hardness	at 20° C (68° F)	45 to 55
Substrate and Application Temperature	min max	10° C (50° F) 40° C (104° F)
Permissible Relative Humidity	min max	40 % 90 %

Above figures are guide values and should not be used as a base for specifications.

SAFETY GUIDELINES:

Adequate ventilation is required during the application process.

Approved eye protection and gloves are recommended during application.

Should contact occur with eyes or skin, wash thoroughly with soap and water. If irritation persists, obtain medical attention.

Consult Material Safety Data Sheet for details.

STORAGE AND PACKAGING:

FP 510 should be kept dry and cool. Storage temperature should be between 4° C (40° F) and 32° C (90° F). Shelf life of product stored in original containers is 12 months.

FP 510 must be protected against moisture.

FP 510 is packaged as follows; Part A in 215 kg drums and 1075 kg totes and Part B in 215 kg drums and 1075 totes.

INSTALLATION GUIDELINES:

The surface to be coated must be clean, dry and free of oil, grease, and dirt and any foreign residue.

FP 510 Parts A and B must be power mixed for at least 5 minutes prior to application. Application temperature should be at least 50° F and rising.

In order to obtain uniform coverage, FP 510 should be applied with a rubber squeegee, scraper, or notched trowel. The normal consumption rate is 1.2 kg/sq. m (2.2 lbs/sq. yd) per 1 mm thickness. However, this quantity can vary considerably based on base mat texture and density variations.

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