

FGP MEDIUM DUTY URETHANE CEMENT SYSTEM

THERMAL AND MOISTURE-RESISTANT SYSTEM FOR PROCESS ENVIRONMENTS



NOMINAL THICKNESS
187 Mils (3/16")



FINISH
Solid Color
Textured Gloss



SYSTEM DESCRIPTION

FGP Medium-Duty Urethane Cement System is a high-build, thermal shock-resistant flooring solution designed for durability, hygiene, and long-term performance. Its self-leveling formulation creates a dense, seamless surface with strong resistance to moisture, chemicals, abrasion, and rapid temperature changes. Engineered for continuous service conditions, it maintains integrity under hot water washdowns and moderate mechanical stress while delivering strong adhesion and dimensional stability.



KEY FEATURES

- ✔ Exceptional thermal shock resistance for rapid temperature changes
- ✔ High resistance to moisture exposure and vapor transmission conditions
- ✔ Excellent chemical resistance to acids, alkalis, fats, and cleaning agents
- ✔ Excellent abrasion and impact resistance under continuous service loads
- ✔ Withstands hot water and steam washdown protocols
- ✔ Dimensional stability under thermal cycling and mechanical stress
- ✔ Dense, non-porous finish supports hygienic performance and sanitation compliance



IDEAL FOR



Commercial Kitchens



Food & Beverage Processing



Hot & Cold Processing Areas



Chemical Processing



Washdown Environments



Dairies & Breweries



Pharmaceutical Facilities



Packaging & Bottling Areas



PERFORMANCE MATRIX

PROPERTY	RATING
DURABILITY	● ● ● ● ●
ABRASION RESISTANCE	● ● ● ● ○
CHEMICAL RESISTANCE	● ● ● ● ○
THERMAL RESISTANCE	● ● ● ● ●
FLEXIBILITY	● ● ● ○ ○
MVE TOLERANCE	● ● ● ● ○

● ● ● ● EXCELLENT ● ● ● ● VERY GOOD ● ● ● GOOD ● ● FAIR ● POOR

