

FGP UC FLAKE SYSTEM

INDUSTRIAL-GRADE DECORATIVE URETHANE CEMENT FLAKE SYSTEM



NOMINAL THICKNESS
187.5 MILS (3/16")



FINISH
Textured Gloss



SYSTEM DESCRIPTION

FGP UC Flake System is a heavy-duty urethane cement flooring system designed for demanding environments requiring durability, chemical resistance, and thermal shock performance. Its moisture-tolerant urethane cement matrix with full flake broadcast creates a seamless, wear-resistant surface that withstands thermal cycling while maintaining strong adhesion to properly prepared concrete. The system provides high compressive strength, impact resistance, and long-term protection against abrasion and surface degradation.



KEY FEATURES

- ✔ Heavy-duty urethane cement matrix for severe service conditions
- ✔ Excellent thermal shock resistance for rapid temperature changes
- ✔ Moisture-tolerant system with strong bond to properly prepared concrete
- ✔ High compressive and impact strength for demanding environments
- ✔ Slip-resistant texture for improved surface safety performance
- ✔ Dense, non-porous surface supports hygienic, easy-to-clean conditions
- ✔ Cost effective lifecycle performance in demanding environments



IDEAL FOR



Manufacturing
Facilities



Warehouses &
Distribution Centers



Chemical
Processing Areas



Heavy Equipment
Service Areas



Loading Docks
& Maintenance Bays



Cold Storage
Facilities



Food & Beverage
Production



Pharmaceutical
Facilities



PERFORMANCE MATRIX

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

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

