

# FGP POLYUREA FLAKE SYSTEM

HIGH-TENSILE SYSTEM FOR IMPACT  
AND MECHANICAL LOADING



NOMINAL THICKNESS  
35-50 MILS



FINISH  
Textured Gloss



## SYSTEM DESCRIPTION

High-performance polyurea flake system engineered for superior flexibility, impact resistance, and durability in demanding environments. Its rapid-cure polyurea matrix enables fast installation and strong adhesion to properly prepared concrete. Designed to accommodate low to moderate movement and thermal cycling, the system helps reduce cracking and delamination while delivering a seamless, abrasion-resistant finish for long-term service performance.



## KEY FEATURES

- ✓ High tensile strength and flexible performance under stress
- ✓ Accommodates low to moderate dynamic movement and thermal cycling
- ✓ Rapid cure for accelerated installation and reduced downtime
- ✓ Enhanced resistance to impact, abrasion, and mechanical stress
- ✓ Maintains long-term integrity under vibration and service activity
- ✓ Suitable for fast-track or phased construction schedules
- ✓ Compatible with MV-2112 moisture primer when moisture conditions are present



## IDEAL FOR



Automotive Repair  
& Service Bays



Manufacturing  
Facilities



Warehouses &  
Distribution Centers



Loading Docks



Heavy Equipment  
Maintenance



Fitness Centers



Retail & Commercial  
Environments



Parking Garages



Chemical &  
Processing Areas



Aviation Hangars



Food & Beverage  
Facilities



Educational  
Facilities



## PERFORMANCE MATRIX

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

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

