



# HP SPARTACOTE™

Patented "High-Performance"  
Polyaspartic Flooring Systems

## CURED FLOOR COATINGS COMPARISON Epoxy vs. Polyurethane vs. HP SPARTACOTE™ Polyaspartic

PROPERTY	ASTM TEST METHOD	2-PACK EPOXY	ALIPHATIC PUR	HP SPARTACOTE™ Sparta-Flex™	HP SPARTACOTE™ ADVANTAGE
Abrasion Resistance	D-4060 (a) mg loss	83-105	60-65	22-28	Triple the Abrasion Resistance
Falling Sand Abrasion	D-968 (b) liters sand/mil	8-10 (c)	25-30 (c)	30-38	Triple the Wear Resistance
Adhesion Pull-Off	D-4541 psi concrete failure psi over steel	400 400-600	400 NR (d)	400 1,000	Twice the Adhesion to Steel
Tensile Strength	D-638, D-2370 psi	3,339-4,000	4,400-5,500	4,500-5,000	Equal
Impact Direct/Reverse	D-2794 inch pounds	40/20	80/40	160/160	40%-50% Chip Reduction
Flexibility 1/8 Mandrel	D-522 Cracking	Fails	Passes	Passes	50% Greater Flexibility and Chip Reduction
Color-Gloss Retention <small>SSPC Paint Specification No. 36</small>					
48 Months South Florida	D-1014 meets	Level 1 Fails	Level 2	Level 3	Twice the Color and Gloss Retention
2000 Hours Accelerated	D-4587 meets	Level 1 Fails	Level 2	Level 3	Twice the Color and Gloss Retention

### Recoat Time or Walk-On Foot Traffic:

Above 70° F; Below 80% Relative Humidity Minimum/Maximum Recoat-Hours	3-4/48	5/36	1.48	2 Days
Minimum Foot Traffic-Hours	12-16	24	2	2 Days
Minimum Foot Traffic-Hours	NR(d)	24-36	2	<b>GO VERSUS NO GOOD</b>

(a) CS-17 Taber Abrasion Wheel, 1,000 gram load; 1,000 revolutions (b) Liters of sand to erode 1 dry mil coating (c) Average of generic coatings surveyed (d) NR-Not Recommended.



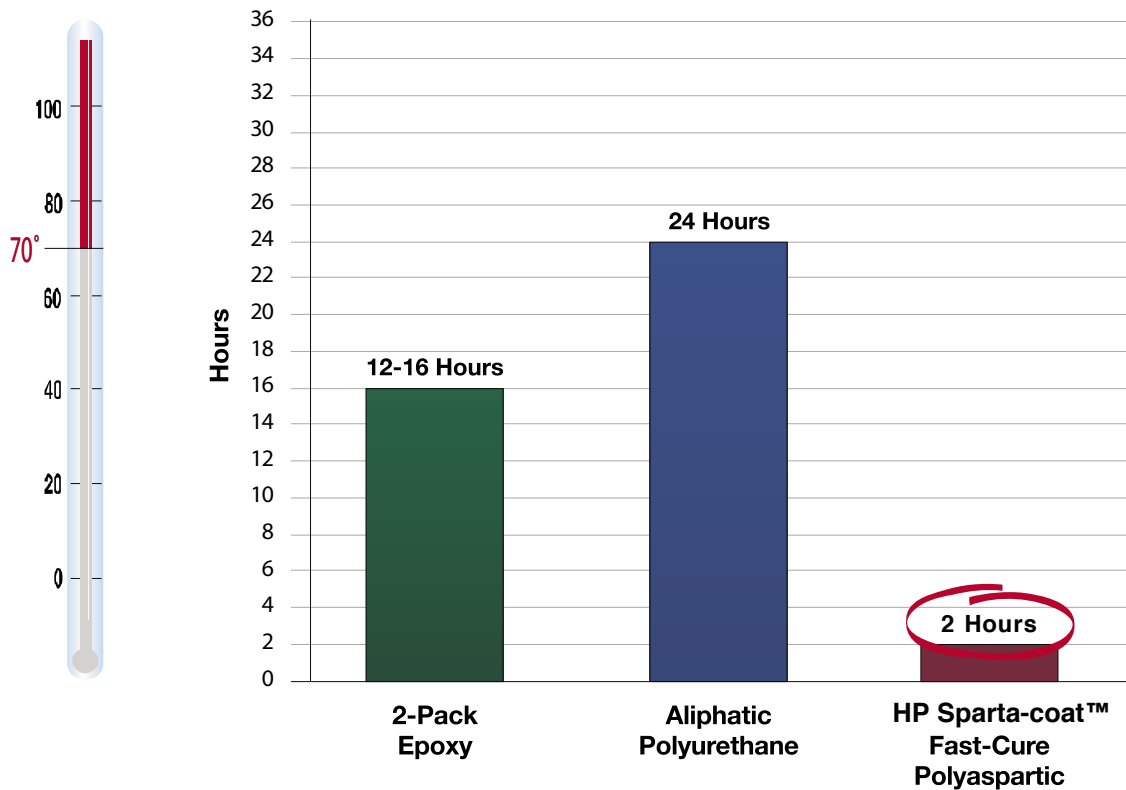
# HP SPARTACOTE™

Patented "High-Performance"  
Polyaspartic Flooring Systems

## Outstanding Walk-On Time at 70°F and Higher

### Minimum Walk-On Time at 70°F and Higher

2-Pack Epoxy vs. Aliphatic Polyurethane vs. HP Spartacoat™ Fast-Cure Polyaspartic



Applied at 70°F and higher, HP Spartacoat™ fast-cure polyaspartic coatings can be walked on in just 2 hours—10 to 14 hours sooner than 2-pack epoxy coatings and nearly a whole 24-hour day sooner than aliphatic polyurethanes.

HP Spartacote™, LLC

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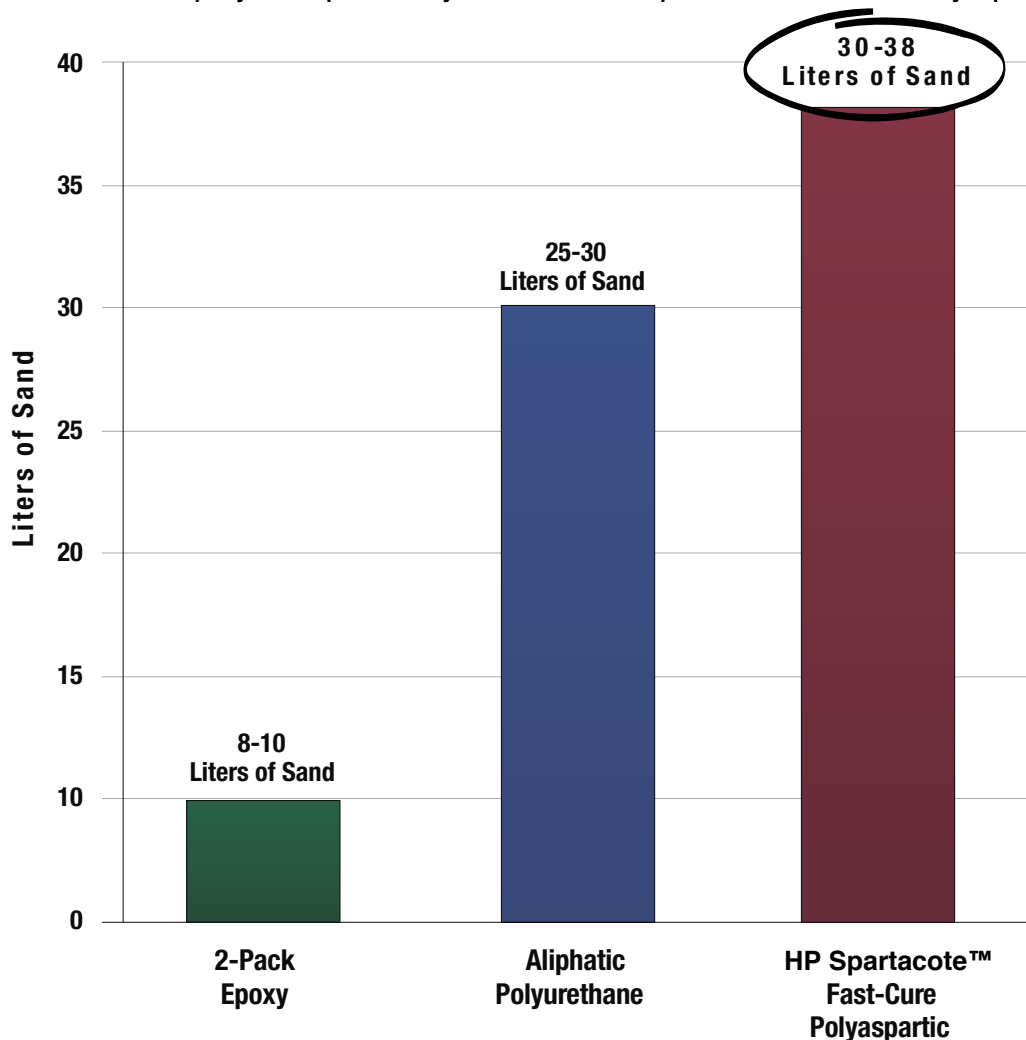
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## Superior Abrasion Wear Resistance

### Abrasion Wear Resistance

2-Pack Epoxy vs. Aliphatic Polyurethane vs. HP Spartacote™ Fast-Cure Polyaspartic



ASTM D-968 – Falling Sand Abrasion - Liters of Falling Sand to Erode 1 Dry Mil of Coating

HP Spartacote™ fast-cure polyaspartic coatings are nearly 4 times more abrasion-resistant than 2-pack epoxy coatings and at least 25% better than aliphatic polyurethane coatings.

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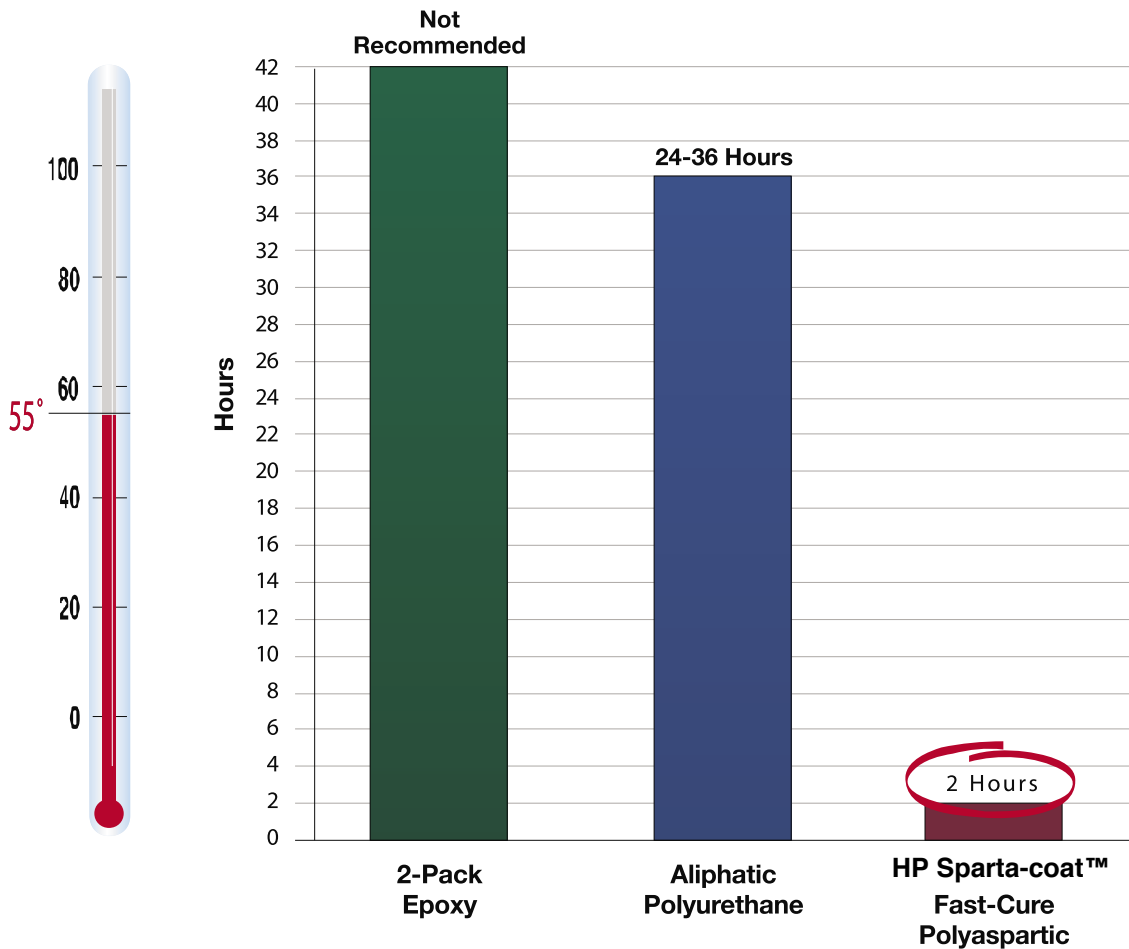
# HP SPARTACOTE™

Patented "High-Performance"  
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## Remarkable Walk-On Time at 55°F and Lower

### Minimum Walk-On Time at 55°F and Lower

2-Pack Epoxy vs. Aliphatic Polyurethane vs. HP Spartacote™ Fast-Cure Polyaspartic



Applied at 55°F or lower, HP Spartacote™ fast-cure polyaspartic coatings can be walked on in just 2 hours—34 hours sooner than aliphatic polyurethane coatings and days sooner than 2-pack epoxy coatings. In most cases, 2-pack epoxy coatings are not recommended for application below 55°F.

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