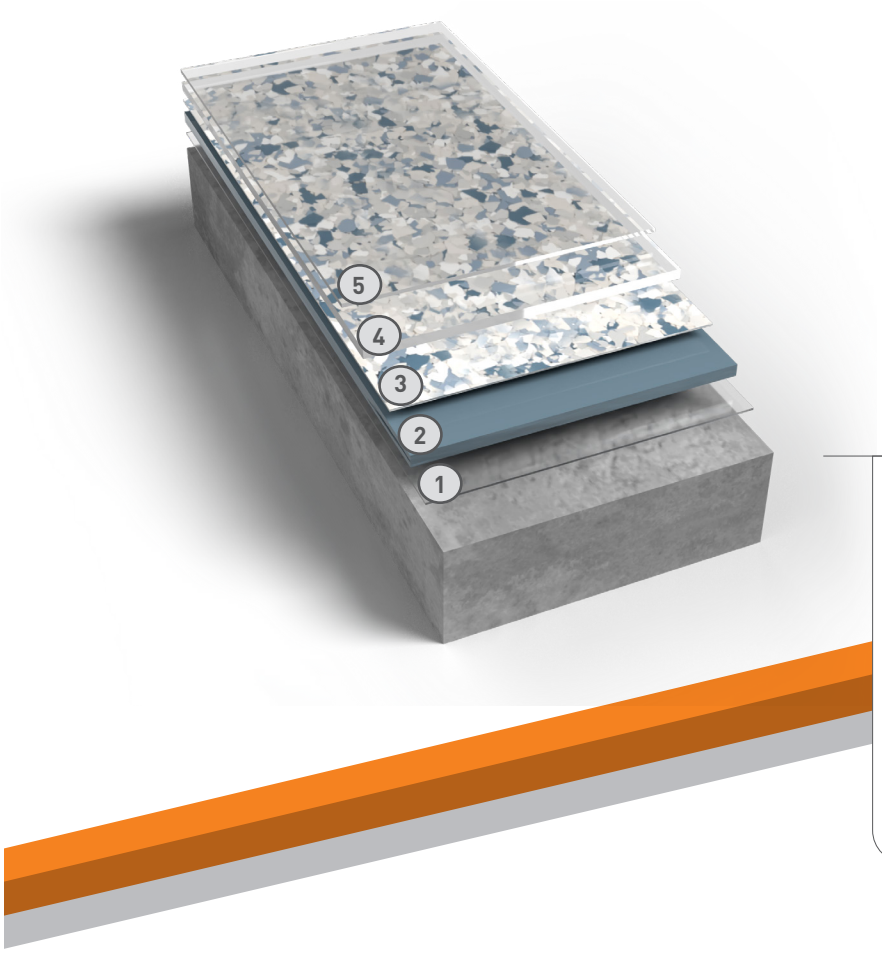
Steri-Flake

SYSTEM INFORMATION SHEET



24-30 mils (600-750 microns)

SYSTEM STEPS

1. Steri-Prime WB
2. Steri-Flor® UV with color pack
3. Flake Broadcast
4. Steri-Flor UV clear
5. Sealer 35 clear

OPTIONAL COVE

Steri-Flake includes optional cove, base, and curb products to meet unique flooring needs of most industrial environments.

UV-TOLERANT

The Steri-Flake system is broadly UV-tolerant and contains 15% post-industrial recycled products.

LOW-EMITTING

Steri-Flake is formulated with very low VOC content, promoting human and environmental health and helping to earn LEED 4.1 credits.

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Dudick®
A Division of Carboline

PERFORMANCE DATA	TEST METHOD	RESULTS
	Gloss @ 60°	85-90
	Pencil Hardness	2H
	Taber Abrasion* (ASTM D4060)	10-20 mg
	*1,000 gm CS-17 wheel at 1,000 cycles	

SYSTEM STEPS	PRODUCT	THICKNESS	THEORETICAL COVERAGE RATE	PACKAGING	APPLICATION EQUIPMENT	RECOAT / DRY TIME*
Primer	**Steri-Prime WB**	**1-2 mils (25-50 microns)**	**257-513 ft²/gal (6.3-12.6 m²/l)**	**Part A Part B**	**Flat Squeegee / Short Nap Roller**	**1 hours (min) 4 days (max)**
Use a short-nap mohair roller cover with solvent resistant core. For best results, condition roller before application to minimize lint or loose fibers. A brush may be used for hard to reach areas. Prime all surfaces to be coated at 1-2 mils (25-50 microns). Do not allow primer to puddle.						
Basecoat	**Steri-Flor UV with color pack**	**10-12 mils (250-300 microns)**	**120-160 ft²/gal (3-4 m²/l)**	**Part A Part B Universal Color Pack**	**Squeegee / Short Nap Roller**	**8 hours (min) 24 hours (max)**
The mixed product should be immediately poured directly onto the floor in ribbons and spread to desired thickness with a serrated squeegee, notched trowel or gauge rake. After spreading the material to the proper thickness, roll with a short nap roller to level. While still wet, broadcast color quartz aggregate to rejection.						
Broadcast	**Flake Broadcast**	**n/a**	**5-7 ft²/lb (1-1.4 m²/kg)**	**40 lb (18 kg) box**	**Buckets / Scraper / Vacuum**	**n/a**
A full flake broadcast is **recommended** but partial broadcast may be used. Broadcast desired **flake blend** into wet material until rejection. After coating has reached walk-on cure time lightly scrape the floor and vacuum to remove excess flakes, then apply desired topcoat.						
Groutcoat	**Steri-Flor UV clear**	**10-12 mils (250-300 microns)**	**120-160 ft²/gal (3-4 m²/l)**	**Part A Part B**	**Squeegee / Short Nap Roller**	**8 hours (min) 24 hours (max)**
The mixed product should be immediately poured directly onto the floor in ribbons and spread to desired thickness with a flat squeegee. After spreading the material to the proper thickness, roll with a short nap roller to level.						
Sealer	**Sealer 35 or other**	**3-4 mils (75-100 microns)**	**360-480 ft²/gal (9-12 m²/l)**	**Part A Part B**	**Short Nap Roller**	**8 hours (min)**
The mixed product should be dipped and rolled. Rolling with a short-nap, shed-resistant roller is recommended. Brush application should only be employed for cut in, small areas, touch ups, and repairs. When using High Wear Filler stir frequently to keep it in suspension. **The surface must be abraded before recoating with itself or any other product**.						

*Recoat time @ 75°F (24°C)

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INSTALL

This document is meant as a guideline for the installation of the system. Contact Carboline Technical service for further assistance prior to the installation of the system.

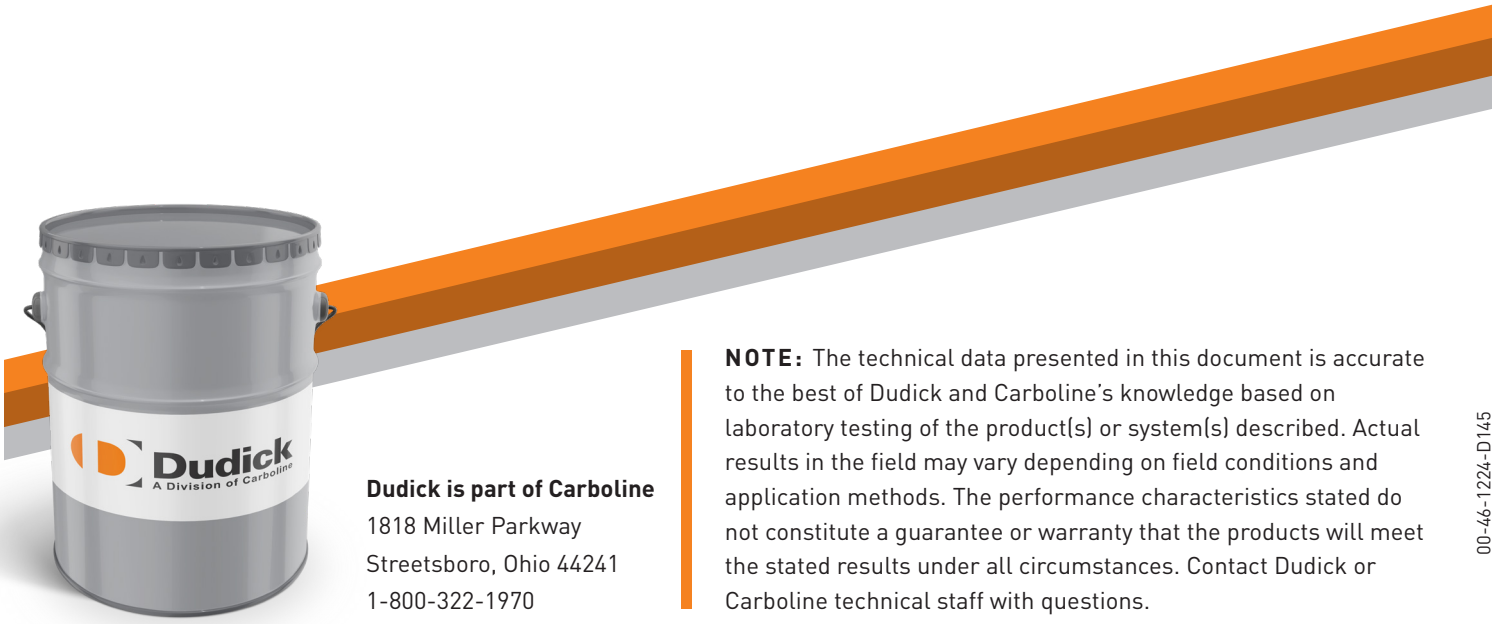
SURFACE PREPARATION

Concrete must be prepared mechanically to remove surface laitance. Oils, grease, or other surface contaminants must be removed prior to surface preparation. Concrete must free of curing compounds and form release agents. Abrade the surface to achieve an ICRI CSP 3 surface profile. The prepared surface should have a nominal tensile strength of 250 psi (1.72 MPa) per ASTM D7234. Filled joints and cracks in the concrete may be coated, but if movement occurs the coating will crack with the movement of the concrete.

Concrete substrates must be checked for moisture prior to product application using the Plastic Sheet Test, ASTM D4263. If moisture is found to be present, contact Dudick for further recommendations.

MIXING

Specific mixing instructions for each product can be found on its corresponding Product Data Page.



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