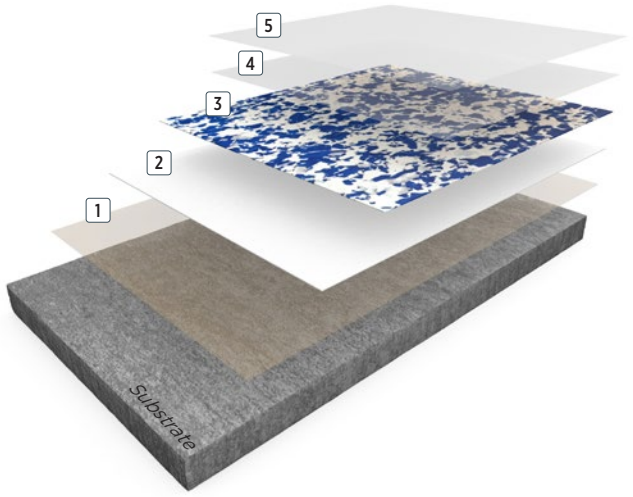
ACCELERA™ DECO FLAKE

Accelera Deco Flake is a fast cure, polyaspartic floor system including decorative flakes broadcast onto a coloured base coat and sealed with clear coats. The system provides a gloss finish and a light slip-resistant texture. The result is an aesthetically pleasing finish with resistance against chemical attack and abrasion. Well suited to areas requiring a fast return to service with low odour.



5 Seal coat: **Accelera 4850 Clear**

4 Seal coat: **Accelera 4850 Clear**

3 Broadcast: **Coloured flakes**

2 Base coat: **Accelera 4850**

1 Primer: **Accelera 4850**

1.5mm

BENEFITS

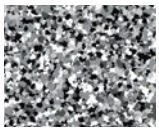
- Slip resistant
- Fast cure
- UV stable - Non yellowing
- High chemical resistance
- Tough with a degree of flexibility
- Gloss finish
- Easy to clean
- Hygienic
- Low odour
- Hard wearing

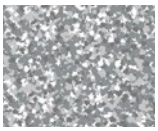
USES

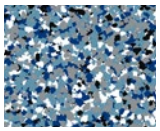
- Automotive workshops
- Engineering workshops
- Pharmaceutical manufacturing
- Laboratories
- Changing rooms
- Reception areas
- Corridors
- Commercial and leisure facilities
- Healthcare facilties
- Cleanrooms
- Education facilties
- Canteens

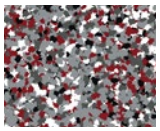


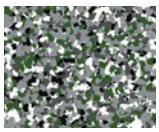
FEATURED COLOURS

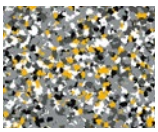

Skiddaw Grey

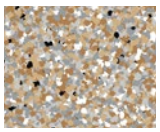

Langdale Grey

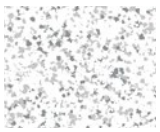

Serenity Blue


Pagoda Red


Evergreen


Dystopian


Nevada


Himalayan

This reproduction approximates the actual colour. Factors such as the type of product, degree of gloss, texture, size and shape of area, lighting, heat, or method of application may cause colour variance. Substituting other manufacturers' colours may not be representative of our blends. Contact your Sherwin-Williams representative for details.

SYSTEM COMPOSITION

Coat	Product options	Theoretical consumption kg/m²	Application
Primer	Accelera 4850	0.3	Squeegee / roller
Base coat	Accelera 4850	0.3	Squeegee / roller
Broadcast	Coloured flakes	0.3 - 0.5	Scatter
Seal coat	Accelera 4850 Clear	0.25	Squeegee / roller
Seal coat	Accelera 4850 Clear	0.25	Squeegee / roller
Approximate thickness: 1.5mm			

TYPICAL CURE TIMES

Temperature	10°C	20°C	30°C
Foot traffic	6 - 10 hrs	4 - 5 hrs	2 - 4 hrs
Full traffic	12 - 16 hrs	8 - 10 hrs	6 - 8 hrs
Full chemical cure	10 days	7 days	5 days

CHEMICAL RESISTANCE

Sherwin-Williams High Performance Flooring offers a broad range of systems to accommodate nearly every industrial, commercial and institutional setting. Each flooring system includes a standard chemical resistant topcoat or surface proven to perform under typical conditions.

Important considerations:

- The combination of cleaning solutions, sanitising chemicals, processing substances and products found in any operational setting is unique.
- Knowing exactly which materials are present – as well as their concentrations and typical exposure times before cleanup – is critical for proper flooring system selection.
- During the specification process, a flooring system's standard chemical resistant topcoat may get replaced with one better suited to unique facility conditions.

The ability of a flooring system to perform as designed relies heavily on proper selection. Matching each use case with the right chemical resistant flooring is key to a having a facility looking great and functioning at peak level over the long term.

See our Chemical Resistance Guide and other technical resources on our website. Connect with a Sherwin-Williams High Performance Flooring expert for help with specifying an optimal flooring system for your facility.

TYPICAL PHYSICAL PROPERTIES

Abrasion resistance	ASTM D4060 : 2025	127 mg loss per 1000 cycles (CS17)
Tensile strength	BS EN ISO 527-2 : 2025	1.27 MPa
Bond strength	EN 1542 : 1999	>3 MPa (substrate failure)
Impact resistance	BS EN ISO 6272-1 : 2011	10 Nm (Class II)
Temperature resistance	Tolerant of temperatures up to 60°C	
Reaction to fire	BS EN 13501 - 1:2018	B_{FL} – s1
Shore D Hardness	BS ISO 48-4 : 2018	60
Capillary Absorption	BS EN 1062-3:2008	W = 0.003 kg/m2.h^0.5
FeRFA category	2	

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams High Performance Flooring delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.

resinflooring.sherwin.eu

FIND YOUR LOCAL CONTACT

09.26 HPF0110/02