

Flowcrete
for the world at your feet



► Impact, chemical and UV resistant performance flooring systems for...

AEROSPACE ENVIRONMENTS

www.flowcreteaustralia.com.au

Welcome to Flowcrete Australia

Flowcrete Australia offers an exclusive range of high performance industrial formulations designed to combine superior aesthetics with exceptional durability, delivering reliable floor finishes for heavy duty environments.

Our specialist aerospace flooring solutions have been designed to provide the ultimate in performance, protection and aesthetics for all areas from hangars, warehousing, maintenance, storage and specialist engineering zones. The range of high performance, hygienic, slip resistant and durable flooring solutions are tailored to combat the aggressive chemicals used within the aerospace industry including Skydrol and other aviation fluids.

What's more, our seamless, brightly coloured resins allow for demarcation, colour zoning, coving and drainage whilst offering optional slip resistance through broadcasting aggregates into the mix, allowing for the numerous practicalities of these environments.

Aerospace Hanger Floor Plan



1 Aircraft Maintenance
Flowcoat SK, Flowshield SK,
Flowcoat UV, Flowshield UV

3 Fuel Storage
Flowcoat SK, Flowshield SK,
Flowcoat UV, Flowshield UV

5 Plant Rooms
Flowcoat OP
Flowshield OP

7 Staff Rooms
Flowfast Terrosso

2 Parts Storage
Flowcoat OP, Flowshield OP,
Flowcoat UV, Flowshield UV

4 Vehicle Storage
Flowcoat OP, Flowshield OP,
Flowcoat UV, Flowshield UV

6 Offices
Flowfast Terrosso

8 Toilets
Flowfast Terrosso

For the application suitability of each system, look out for the check mark symbol throughout the brochure.

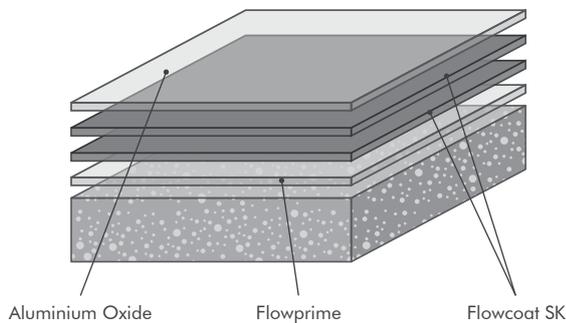


MOVIE BEFORE FLIGHT

Flowcoat SK (0.35–1.5 mm)

A two pack, solvent free, high build epoxy resin based coating with excellent resistance to hydraulic fluids and Skydrol®. Typically used in conjunction with a UV resistant sealer, Flowcoat SK is a durable coloured floor coating for aviation environments such as hangars, and workshops. Smooth, light and full non-slip finishes are available.

✓ HANGARS, AIRCRAFT MAINTENANCE



FIRE RESISTANCE

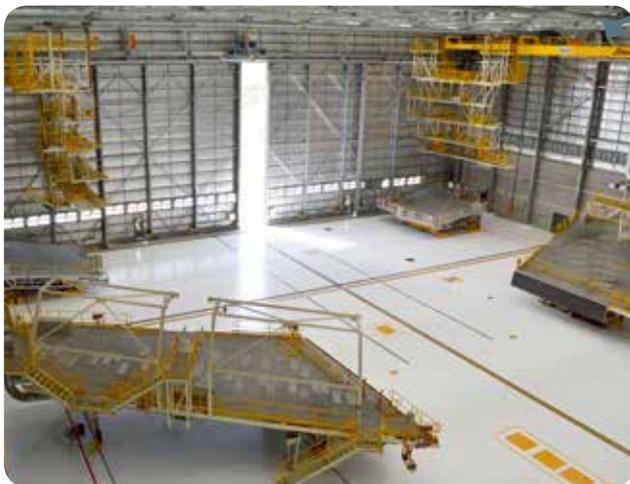
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TEMPERATURE RESISTANCE

Tolerant up to 60°C

SURFACE HARDNESS

Koenig Hardness Test	180 secs
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Flowshield SK (2.5–4 mm)

A durable, positively textured, coloured epoxy resin-based coating with excellent resistance to hydraulic fluids and Skydrol®. Flowshield SK provides a heavy duty solution for aviation environments such as hangars and workshops. Smooth, light and full non-slip finishes are available.

✓ HANGARS, AIRCRAFT MAINTENANCE

FIRE RESISTANCE

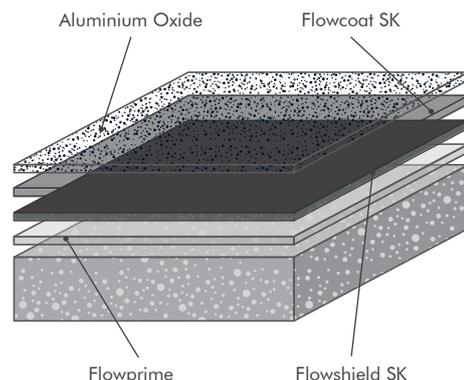
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WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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ABRASION RESISTANCE

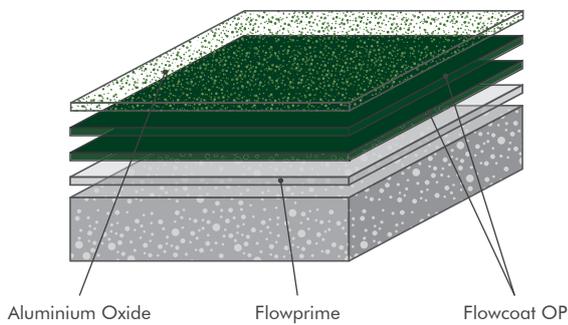
Taber Abrader 1 kg load using CS17 wheels	90 mg loss per 1000 cycles
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Flowcoat OP (0.35–1.5 mm)

A high performance, coloured, epoxy resin coating system designed to create a non slip textured surface in industrial facilities. Typically used as a hard wearing, protective, coloured floor coating in industrial facilities. Smooth, light and full non-slip finishes are available.

✓ PLANT ROOMS, PARTS & EQUIPMENT



FIRE RESISTANCE

CHF Value	- kW/m ²
Smoke Value	5% (Mean)

SURFACE HARDNESS

Koenig Hardness Test	180 secs
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ABRASION RESISTANCE

Taber Abrader 1kg load using CS17 wheels	80 mg loss per 1000 cycles
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Flowshield OP (2.5–4 mm)

A high performance, solvent free, chemical resistant, high-build epoxy resin-based flooring solution with non-slip textured aggregates. Typically used as a hard-wearing, coloured protective floor finish in industrial environments. Smooth, light and full non-slip finishes are available.

✓ PLANT ROOMS, PARTS & EQUIPMENT, AIRCRAFT MAINTENANCE

FIRE RESISTANCE

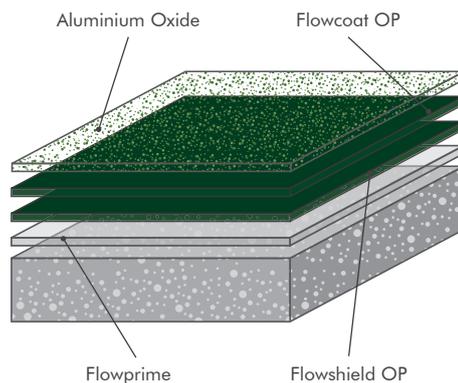
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WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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ABRASION RESISTANCE

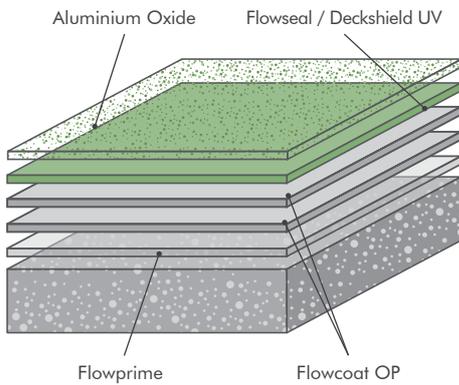
Taber Abrader 1kg load using CS17 wheels	90 mg loss per 1000 cycles
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Flowcoat UV (0.35–1.5 mm)

A high performance, lightly textured, coloured epoxy and polyurethane resin coating system designed to protect industrial floors. Typically used as a slip resistant, durable coating for industrial areas exposed to UV. Smooth, light and full non-slip finishes are available.

✓ WALKWAYS, CORRIDORS, PLANT ROOMS, PARTS & EQUIPMENT



FIRE RESISTANCE - AS/ISO 9239.1

CHF Value	- kW/m ²
Smoke Value	4% (Mean)

UV LIGHT RESISTANCE

Excellent

ABRASION RESISTANCE

Taber Abrader BS8204: Part 2 Grade AR2	0.1 kg loss per 1000 cycles 1 kg load using CS10 wheels
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Flowshield UV (2.5–4 mm)

A durable, high performance, chemical and UV resistant resin flooring solution designed to provide added impact protection in industrial environments. Typically used to provide a textured platform for industrial areas exposed to UV. Smooth, light and full non-slip finishes are available.

✓ AIRCRAFT MAINTENANCE, PLANT ROOMS, PARTS & EQUIPMENT

FIRE RESISTANCE

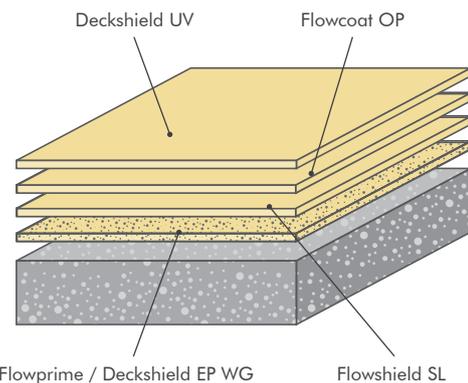
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COMPRESSIVE STRENGTH

BS6319 >50 N/mm²

ABRASION RESISTANCE

Taber Abrader 1kg load using CS17 wheels 90 mg loss per 1000 cycles



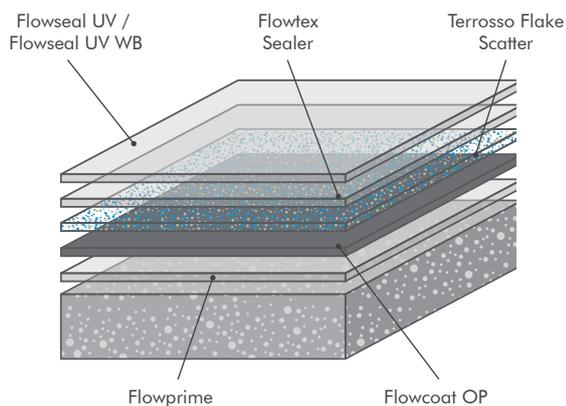
Applied colours may differ from the examples shown. For a full technical profile, colour chart and samples, contact your local Flowcrete office.



Flowfast Terrosso (2–3 mm)

A seamless, hard-wearing, rapid curing, decorative, MMA floor finish that transforms commercial and industrial environments. Typically used in public areas, walkways, corridors and offices.

✓ WALKWAYS, CORRIDORS, OFFICES



FIRE RESISTANCE - AS/ISO 9239.1

CHF Value	3.6 kW/m ²
Smoke Value	13% min (Mean)

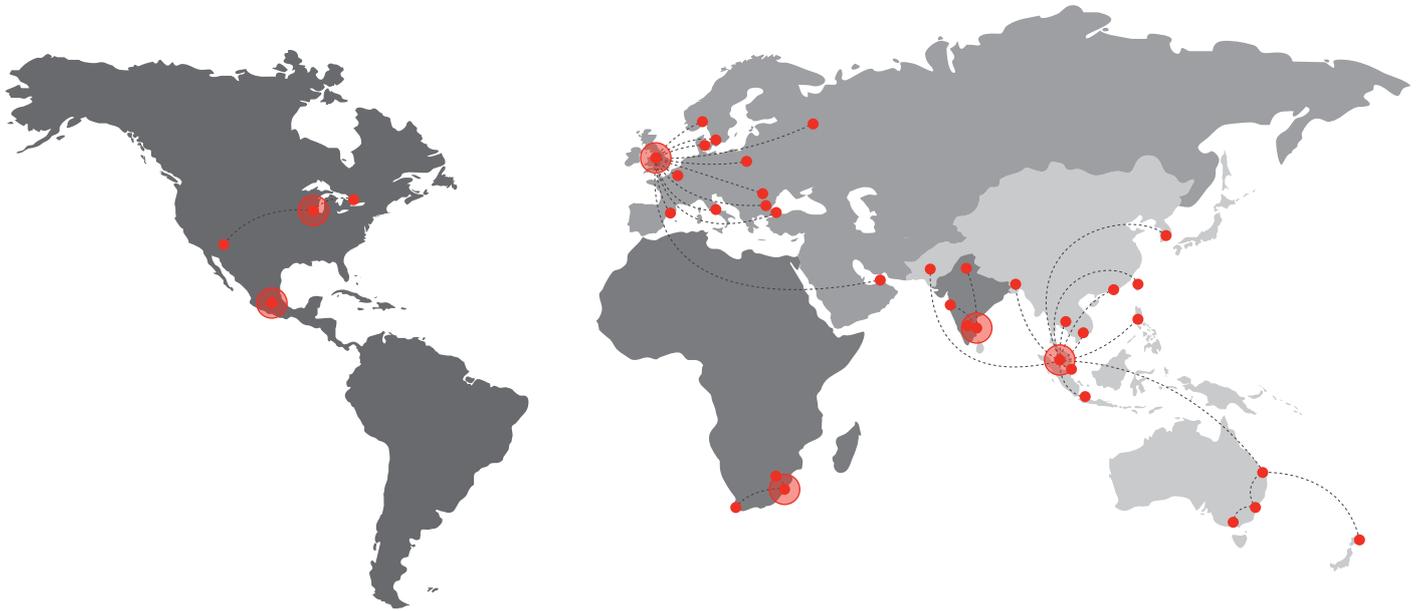
TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

SPEED OF CURE PER LAYER

Full Traffic	1 hr
Full Chemical Cure	1 hr

Applied colours may differ from the examples shown. For a full technical profile, colour chart and samples, contact your local Flowcrete office.



Flowcrete

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