Rapid Shield™
PROTECTIVE FLOORING SYSTEM

Custom Colours

Clear
(Seal Coat & Primer)
QV 0007

High Build Sealer
QV 0008

White
QV 0202

Light Grey
QV 0304

Pewter Grey
QV 0305

Quaker Blue
QV 0404

Safety Green
QV 0501

Safety Yellow
QV 0604

Safety Red
QV 0902

This color chart approximates actual colors and these colors are as accurate as reproduction limitations allow. Applied colors may vary due todifferences in the surface texture, lightening and method of application. Custom colors are available subject to quantities and delivery conditions.Please contact your local RapidShield representative.

Rapid Shield™ Floor Coating Comparison Chart

Material	Cure	Price	VOC	Ease of Cleaning	Pot Life	Exterior Durability	Abrasion Resistance
Epoxies	Hours – Days	Low	Low or Zero	Moderate	1–4 Hours	No	Moderate
Urethane	Hours – Days	Moderate	Low or Zero	Moderate	< 1 hour	Yes	Good
Polyurea	Minutes – Hours	Moderate	Low or Zero	Moderate	< 1 hour	Some	Excellent
Polyaspartic	Minutes – Hours	High	Low or Zero	Moderate	< 30 min	Yes	Excellent
Methyl Methacrylate	1 Hour	High	High	Good	< 10–20 min	Yes	Good
UV Cured	Instant	High	Low or Zero	Excellent	Infinite	Yes	Excellent

Technical Data

Gloss:	80+
Theoretical VOC:	0 mg/litre
Pencil Hardness:	2H+
Chemical Resistance:	100 MEK double rubs; no failure
Coverage:	5-10 m^2 per litre at 4-8 mils
DFT	
Viscosity:	#3 Zahn Cup at 77°F.
QRS0007 Clear	35-45 sec
QRS0008 Sealer	60-80 sec
Colors	45-55 sec

For detailed information see the RapidShield Data Sheet.

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Construction Products

To learn more visit:

www.nuplexconstruction.com.au

or call 1800 687 627

Rapid Shield™

PROTECTIVE FLOORING SYSTEM

Long Life • Low Cost • Lightning Fast

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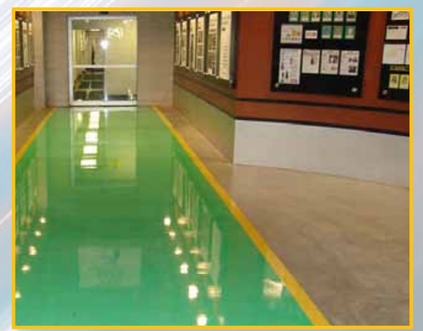
Typical Applications

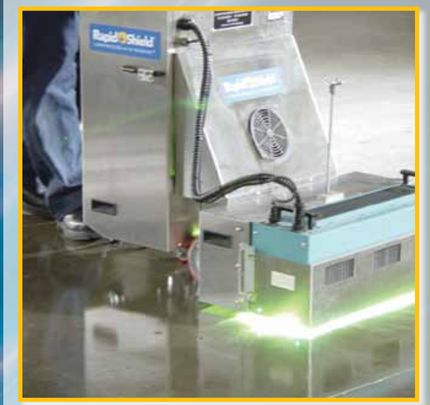
- Railway station concourses
- Large scale food manufacturing plants
- Aircraft component manufacturing plants
- Automotive stamping plants
- Car manufacturers
- Truck and equipment assembly plants
- Cardboard manufacturing plants

Visual Impact

RapidShield can be applied in an almost infinite spectrum of colours, as well as clear, allowing for increased clarity and visual impact in safety areas on the plant floor and also for aesthetic applications such as corporate branding.



RapidShield Hits the Floor Running

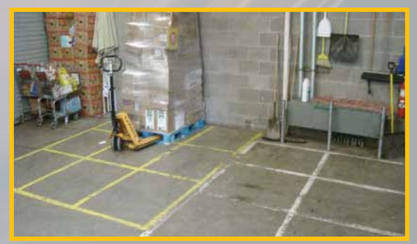


After years of successful application in the US and European markets, Nuplex Construction Products has now introduced RapidShield into the Australian industrial flooring market.

With a raft of benefits over traditional epoxy coatings, the virtually instant speed of application and durability alone sets it apart in the marketplace.

RapidShield's one component formulation means there is no time-consumig mixing, saving more time.

RapidShield's ability to allow the continuance of high volume traffic and production on a recoated floor in just minutes is unheard of using conventional materials. Costly operational shutdowns of an entire production shift during recoating can now be avoided.



This dramatic transformation took place over a 3 hour period incurring no production down time.

RapidShield Saving You Time and Money

In a series of case studies over a 12 month period in a medium sized manufacturing facility the following product and labour reductions and therefore cost savings were achieved:

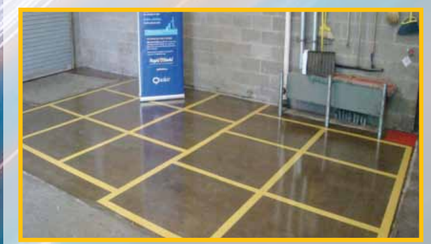
- 3000 less litres of paint
- 1000 less litres of floor wax
- 2000 less kilograms of VOCs
- $40,000 less in paint and wax
- $150,000 less in labor costs
- Zero slips and falls

  (saving workers compensation)
- Zero downtime due to rapid application

After your floor is protected with RapidShield, its outstanding performance will continue to save you time and money. We have developed RapidShield Cost Analysis software that can help you calculate the potential overall savings for your facility.

Care for the Environment

As shown in the case study above, tremendous material reductions equates to significant savings in waste caused by conventional floor-coating practices. In addition to this, the absence solvents and volatile organic compounds.

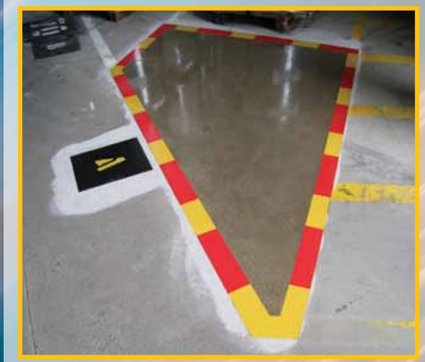


Applied in Minutes, Lasts for Years

RapidShield's durable, seamless bond will protect and increase the life of your new or existing concrete floor – resisting abrasion, chemicals, impact and scratches. In addition, because it lasts longer than typical epoxies, you won't have to recoat your floors as frequently.

RapidShield's hard, glossy surface is easy to clean and maintain. This means fewer maintenance people and supplies are needed between floor recoatings.

RapidShield's durability means huge reductions in paint, wax and VOCs compared with current methods.



Safety on the Factory Floor

RapidShield carries a number of important safety features. In line with the increasing importance of OH&S, RapidShield contains no VOCs (Volatile Organic Compounds), is solvent-free and non-flammable.

RapidShield's paint system for safety striping and signs will last up to five times longer than conventional solvent paint lines, saving money, traffic confusion and possible injury – benefits which should definitely resonate with Safety Managers.

Chemical Resistance Guide

CHEMICAL	AFTER 24 HOURS	AFTER 7 DAYS
ACIDS, INORGANIC		
Hydrochloric acid, 1 N	S	B, S
Sulphuric acid, 0.25 N	P	P
ACIDS, ORGANIC		
Citric acid, 10%	P	P
Vinegar (acetic acid)	P	P
ALKALIES		
Caustic soda, 0.5 N	S	B, S
SOLVENTS (ALCOHOLS)		
Butyl cellosolve	P	P
Ethanol P P		
Ethylene glycol (antifreeze)	NT	NT
Isopropyl alcohol	P	P
Methanol	P	P
SOLVENTS (ALIPHATIC)		
DPNB	P	P
Gasoline	Y	P
Jet Fuel - JP-5	P	P
SOLVENTS (AROMATIC)		
VM&P naptha	P	P
SOLVENTS (KETONES & ESTERS)		
Methyl-Ethyl-Ketone (MEK)	P	P
MISCELLANEOUS SOLVENTS		
Acetone / Water, 1:1	P	P
Paint stripper	B, A	B, A
Sodium chloride, 10%	P	P
Industrial Chemicals		
10W40 Motor Oil	P	P
Brake Fluid Dot 3 & 4	P	P
Brass and Copper Polish	P	P
Chlorox Bleach	S,Y	S, B,Y
Cleardue 6510	P	P
Descolene 4066	P	P
Epmas Acid Stain 37N-1	P	Y
Ferrocoat 624 AAM	P	P
Gear Oil	P	P
Hocut 795 FD	P	P
Honilo 980B	P	P
Iodine	Y	P
Orange Glow Cleaner	P	P
Producto 735	P	P
Producto Sp-237N	P	P
PVC Pipe Cleaner	P	P
Quakeral 377	P	P
Quanta Lube 270 XL	P	P
Solclean 76 ITT	P	NT
Tech Cool 3720	P	P
Tide Soap, 5%	P	P
Triethanol Amine	P	P
Velva Sheen Dust Mop Cleaner	P	P
WD-40	P	P
Window Cleaner	P	P

KEY TO OBSERVATIONS:

P: Pass: no indication of adhesion loss, change in colour, reduction in gloss or reduction in hardness
A: Loss of adhesion **B:** Blistering **C:** Coating softened **Y:** Yellowing **NT:** Not tested