

RapidShield™

Instant, UV-cured protection that improves the productivity, safety and appearance of your facility.

Cures instantly

Long-lasting durable
gloss finish

Excellent abrasion and
chemical resistance

Easy-to-maintain
seamless surface

Available in clear
or any colour

Low VOCs & low odour

No mixing—
one-component formulation

Proprietary
QV Technology™

RapidShield™

Ask your chemical management supplier about this advanced concrete protection and about our RapidShield™ Cost Analysis software to calculate how this advanced approach can dramatically reduce maintenance costs at your facility.

TECHNICAL DATA

Gloss:	80+
Theoretical VOC:	VOC Compliant (<50 g/l)
Pencil hardness:	2H+
Chemical resistance:	100 MEK double rubs; no failure
Coverage:	5-10 m ² /l at 100-200 µm
Viscosity:	#2 Zahn Cup at 25°C
0007 Clear	30 +/- 5 s
0008 High Build	65 +/- 15 s
Colours	75 +/- 5 s
1001 WB Matte Topcoat	30 +/- 5 s

For detailed information see the RapidShield™ data sheet for physical properties, chemical resistance, surface preparation and installation.

+44.1453.820800
rapidshield.com / quakerchem.com



Quaker Chemical Corporation develops, produces, and markets custom formulated process chemicals and coatings world-wide.

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QUAKER CHEMICAL INTRODUCES...

RapidShield™

Long-lasting floor protection
that dramatically reduces
your floor maintenance costs
and application downtime.



**Fast cure means
less downtime.**

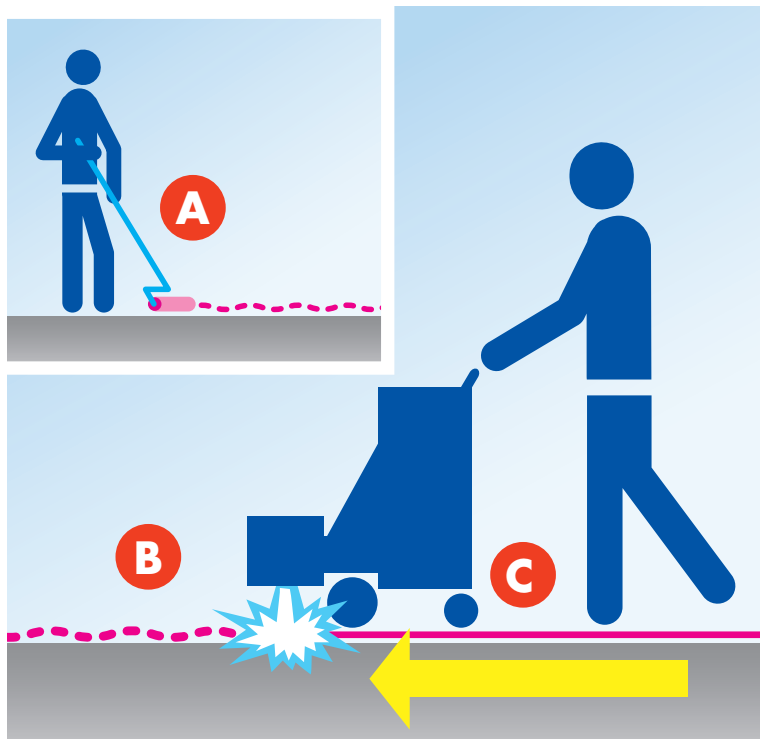
**Durable finish means
easy care.**

An advanced approach to floor protection and maintenance.

RapidShield™ is a high-performance, UV-curable floor coating system. Not only does it comply with VOC and HAPs environmental mandates, it is the most cost-effective method for protecting and maintaining your concrete floors.

RapidShield™ offers a comprehensive approach—a single component formulation and a mobile curing unit. A layer of RapidShield™ coating is applied with a roller or brush to a prepared, clean floor (A). When exposed to UV light from the mobile curing unit, the coating instantly turns into a solid film and creates a strong bond to the substrate (B)—resulting in an immediately usable, long-lasting surface that is exceptionally durable and easy to maintain.

The fast cure means that, within minutes, you can resume the use of your floor—getting back to the real work your facility was designed for (C). You'll avoid lengthy, and often expensive, operational shutdowns or interrupted production.



Reducing your floor maintenance cost year in and year out.

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.

Here's how it saves time and money:

Its 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.

Making the workplace safer and enhancing appearances.



During application, RapidShield™ has advantages over traditional methods for worker safety. The formulation contains no solvents, which means no worry about government mandates on VOCs, exposure to solvent vapours, or flammability.

RapidShield™ will protect new concrete floors and will turn worn older floors into safer, more aesthetically appealing surfaces.

The availability of clear or any colour means you can use it to mark walkways, to create safety striping and signs, or simply, to coordinate facility colours to create a pleasing work environment.



QV Technology™

RapidShield™ is a unique, proprietary blend of oligomers, monomers, additives, photoinitiators and pigments that provide a long-lasting, tough finish for industrial floors. This unique, proprietary blend results in a film with cross-link density that provides a perfect balance of hardness and flexibility. It also provides chemical resistance that is superior to most traditional industrial floor coatings. Unlike many of these traditional industrial coatings, RapidShield™ may be used on floors that are exposed to direct sunlight without experiencing the usual rapid loss of gloss or discoloration.



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