

# RapidShield™

FLOOR PROTECTION with QV TECHNOLOGY™

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 Color
- No VOCs & Low Odor
- No Mixing—One Component Formulation
- Proprietary QV Technology™

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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:	0 lbs/gal
Pencil Hardness:	2H+
Chemical Resistance:	100 MEK double rubs; no failure
Coverage:	200-400 ft <sup>2</sup> per gallon at 4-8 mils DFT
Viscosity:	#3 Zahn Cup at 77°F.
QRS0007 Clear	18-22 sec
QRS0008 Sealer	60-80 sec
Colors	45-55 sec

For detailed information see the RapidShield Data Sheet for physical properties, chemical resistance, surface preparation and installation.

To learn more,  
visit our website or call  
Quaker Chemical Corporation.  
1.800.523.7010  
[www.rapidshield.com](http://www.rapidshield.com)



Quaker Chemical Corporation develops, produces, and markets custom formulated process chemicals and coatings worldwide.

QUAKER CHEMICAL INTRODUCES...

# RapidShield™

FLOOR PROTECTION with QV TECHNOLOGY™

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 costs - 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.

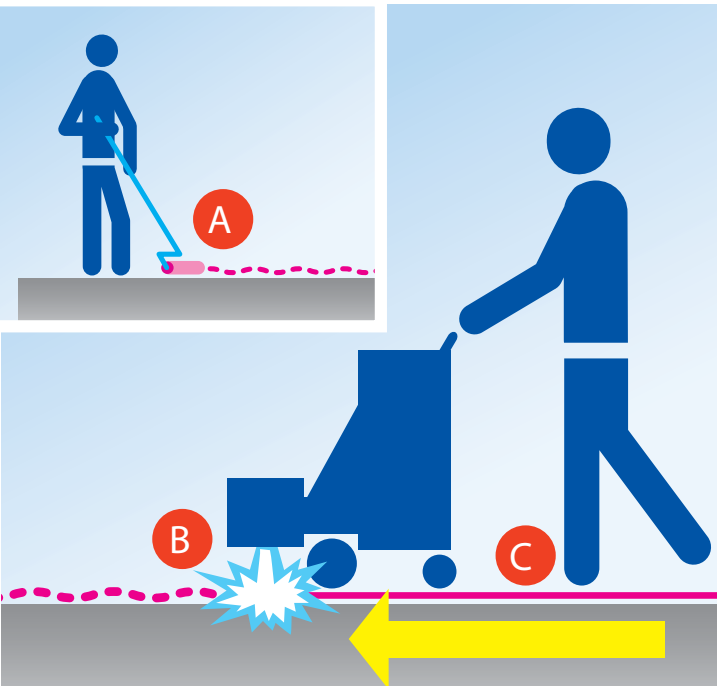
RapidShield's hard, glossy surface is easy to clean and maintain. This means fewer maintenance people and supplies are needed between floor recoatings.

## 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 vapors, 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 color means you can use it to mark walkways, to create safety striping and signs, or simply, to coordinate facility colors 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.



**Quaker**

[www.rapidshield.com](http://www.rapidshield.com)