

Sparta-Quartz™

For Professional Use Only

www.hpspartacote.com**Description:**

HP Spartacote's® Sparta-Quartz™ system is designed for maximum durability and rapid return to service. This unique commercial and industrial Flooring application combines ultra-tough colored quartz aggregate with HP Spartacote's Patented DualCure™ polyaspartic coating technology. The result is a flooring system suitable for the most demanding heavy traffic environments. Sparta-Quartz™ is especially effective in commercial & industrial projects that require minimal downtime. This system can be installed in just one-day with a full return to heavy traffic service within 12-hours.

Substrate Preparation:

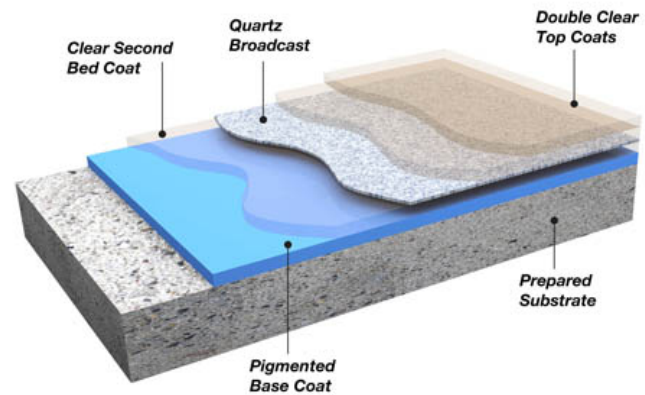
The concrete should be ground to a 30-50 grit profile, to open up the pores of the concrete. This allows Sparta-Flex® to properly wet out the concrete which drives optimal adhesion. All cracks should be repaired prior with HP Spartacote® Fast Fix™.

Moisture Limits:

Moisture vapor transmission should be measured prior to installation and should not exceed 3lbs/1000 sq ft.

Material Coverage Rates:

Coverage Rates are Approximate	square feet			
	400	600	800	1000
Base Pigmented Coat (gal)	1.2	1.8	2.4	3
Second Clear Bed Coat (gal)	0.8	1.2	1.6	2
Quartz Broadcast (50 lb bag)	1.6	2.4	3.2	4.8
Clear Top-Coat (gal)	2.4	3.6	4.8	6
Second Top-Coat (gal)	2.4	3.6	4.8	6

**Application:**

Sparta-Flex® coatings can be applied using either the "Dip and Roll" method using an 3/8' nap roller, or squeegeed out using a foam squeegee. An adequate back-roll is necessary with both methods. The back-roll must be completed using a saturated roller, in the perpendicular direction of the original back-roll.

At the discretion of the applicator, a final back-roll may be completed using a saturated roller, in the parallel/same direction as the original material application.

Base Coat:

When using a HP Spartacote Aspartic Pigment packs with a short-filled Part A, stir in pigment with a drill mixer on slow speed for about 2 minutes to fully disperse color.

Apply pigmented Sparta-Flex® @ 3mils DFT (330 sq.ft. /gallon) Complete perpendicular and (optional) final back-roll using saturated rollers.

Clear Second Bed Coat:

Also referred to as the Broadcast Coat. Apply clear Sparta-Flex® @ 2-mils DFT (500 sq.ft. / gallon). Complete perpendicular back-roll using a saturated roller. It is imperative that the coating maintain a uniform pace across the entire floor/section without stopping.

Immediately Broadcast quartz media directly into wet material.

Reclaim Excess Quartz:

Following the broadcast coat, excess quartz may be removed with a leaf blower and retained for future projects.

Repair Misses:

Walk the floor and mark any misses with blue tape. Dab a small amount of Sparta-Flex® Clear on the missed area, careful not to get material on the quartz around the missed area. Allow the product to flatten out for 2-3 minutes and then sprinkle quartz into the material. Less is more.

Top Coat:

Apply Sparta-Flex Clear @ 6mils DFT (165 sq.ft./ gal.). Complete perpendicular and final back- roll using saturated rollers taking special care to not leave any missed spots or roller marks.

Second Top Coat:

Apply Sparta-Flex Clear @ 6mils DFT (165 sq.ft./ gal.). Complete perpendicular and final back-roll using saturated rollers taking special care to not leave any missed spots or roller marks.

Post Completion:

The floor should be monitored for two hours to prevented foot traffic and should remain out of service for 24hrs before returning the normal use.

Maintenance and Cleaning:

Please visit www.hpspartacote.com for comprehensive cleaning instructions.

HP Spartacote® polyaspartic floor coating systems are nonporous, causing dirt and contaminants to remain on the surface. However, these contaminants

can act as abrasives, and if not removed regularly can mar the finish on the floor over time.

Cleaning Agents: Do not use actual soap as they leave a film that attracts dirt and cause the floor to be slippery. A PH neutral cleaner such as *Simple Green®*, diluted with water is recommended.

Stains: A soft bristle brush may be used to remove more difficult stains.

Foam Squeegee: May be used to remove excess water.



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