

XC75 is a fast-curing, high-performance polyaspartic coating engineered for maximum durability and long-term surface protection. Featuring an extended pot life, it allows for controlled application and rapid curing, providing an abrasion-resistant, UV-stable, high-gloss finish suitable for high-performance environments and ideal for one-day floors.

Recommended for residential, commercial, and industrial applications, XC75 is ideal for high-demand environments such as warehouses, garages, labs, schools, and military facilities—any area requiring a durable, chemical-resistant, UV-stable, and long-lasting floor solution.

IMPORTANT NOTE: Do not thin. Do not apply on brick. Use proper ventilation, a protective / safety gear.

SOLIDS BY WEIGHT: 75%

SOLIDS BY VOLUME: 75%

VOLATILE ORGANIC CONTENT: Less than 2 g/l

COLORS AVAILABLE: Clear - gardner color 1. Use our Universal Pigments if tinting is required for your application

RECOMMENDED FILM THICKNESS: 8 - 10 mils

COVERAGE PER GALLON: 100 ft² to 150 ft² per gallon

PACKAGING INFORMATION: 2 Gallon and 10 Gallon Kits. For bulk orders contact your Spartan Sales representative.

MIX RATIO: 1 Part A to 1 Part B

SHELF LIFE: 6 months in unopened containers. Product must be stored at room temperature.

FINISH CHARACTERISTICS: Gloss (>70 @ 60 degrees @ glossmeter)

ABRASION RESISTANCE: Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 7 mg loss

FLEXURAL STRENGTH: 7,400 psi @ ASTM D790

COMPRESSIVE STRENGTH: 7,000 psi @ ASTM D695

TENSILE STRENGTH: 3,900 psi @ ASTM D638

ULTIMATE ELONGATION: 2.2%

GARDNER VARIABLE IMPACTOR: 50 inch lbs direct – passed

SHORE D HARDNESS (ATSM D224): 80

KONIG HARDNESS (ATSM D4366): 160

VISCOSITY: Mixed = <200 CPS

DOT CLASSIFICATIONS:

Part A "FLAMMABLE LIQUID N.O.S., 3, UN1993, PGIII"
 Part B "FLAMMABLE LIQUID N.O.S., 3, UN1993, PGIII"

PRIMER: WBPRO, UltraCoat, or a moisture vapor system. Can apply over most of our epoxy systems. Ask your Spartan Expert for more detailed information.

RECOAT: A second coat can be applied within the product's recoat window of 1 to 10 hours. If more than 10 hours have passed, we recommend using a 120 non-directional screen to degloss the surface. You may also choose to degloss within the recoat time to achieve both a mechanical and chemical bond.

CURE SCHEDULE (70°F)

Pot Life (150 gram mass)	40 to 50 mins
Tack Free (Dry to Touch)	1 to 2 hours
Recoat or Topcoat	1 to 10 hours
Light Foot Traffic	4 to 6 hours
Full Cure (Heavy Traffic)	5 to 7 days

Application Temperature: °48 to °90 degrees F

CHEMICAL RESISTANCE

REAGENT	RATING
Xylene	C
1,1,1 trichloroethane	B
MEK	A
Methanol	B
Ethyl alcohol	B
Skydrol	C
50% Sodium Hydroxide	E
10% Sulfuric Acid	C
10% HC1 (aq)	C
5% Acetic Acid	C

Rating key: A - not recommended, B - 2 hour term splash spill, C - 8 hour term splash spill, D - 72 hour immersion, E - long term immersion. NOTE: extensive chemical resistance information is available through your Spartan Epoxies representative.

LIMITATIONS:

Due to the quick cure rate and dry time, it is suggested that the user obtain a sample and thoroughly evaluate the product before using. Samples are available upon request. Color stability may be affected by environmental conditions like high humidity/chemical exposure. Exposure to some types of lighting such as sodium vapor lights may cause discolorations. Test Data based on neat resin. Clarity of color may vary from batch to batch. Substrate temperature must be 5°F above dew point.

Too thick of an application may result in surface imperfections, bubble generation or product failure. Always apply a test patch to determine product suitability and adhesion performance for your proposed application method and procedures.

All new concrete must be cured for at least 30 days prior to application. Do not expose this product to water until fully cured. See reverse side for application instructions. Physical properties are typical values and not specifications. See reverse side for limitations of our liability and warranty.

SURFACE PREPARATION

Ensure the concrete surface is clean and dry. The concrete must be fully cured for at least 28 days. Diamond grind to achieve a CSP-2 to CSP-3 profile, vacuum thoroughly to remove all dust. Maintain air, substrate, and material temperatures between 48°F and 90°F.

MIXING INSTRUCTIONS

Mix equal parts of Part A and Part B (1:1 ratio) using a drill mixer for 2-3 minutes. If mixing a smaller quantity, use a stir stick to combine thoroughly. One mixed, a Pot Life of 40 to 50 minutes begins.

PLEASE NOTE:

If the material becomes thick, it has reached the end of its pot life. Testing a small area on the same concrete substrate is recommended to ensure desired results before full application.

HAZARD STATEMENT: Highly flammable liquid and vapor. May cause drowsiness or dizziness.

IMPORTANT NOTE: DO NOT THIN!

APPLYING OVER FULL BROADCASTED FLAKES:

Ensure flakes are thoroughly scraped and vacuum cleaned, leaving no loose flakes behind.

WHEN ONLY 1 COAT IS APPLIED: For a smoother finish, hone down the flakes with a swing buffer using a 120-grit screen. Vacuum any debris, then achieve a chemical-clean surface by spraying a small area with denatured alcohol or acetone and quickly wiping with a microfiber cloth. Avoid leaving puddles, as these chemicals can damage the surface if left on too long.

If hoaned too smooth, the surface can become slippery when wet. For high-traffic areas or floors exposed to outdoor water, we recommend using an anti-slip additive.

PREPARE ROLLER COVERS: Use a high-quality 3/8" nap roller. To remove loose fibers, stretch blue masking tape upside down on a table edge, then roll the cover back and forth until fibers are gone.

APPLICATION OPTION 1: LONGER WORKING TIME

An 18" roller is recommended to reduce application time and minimize roller marks. Keep the roller in a bucket or paint pan. Saturate the roller, spread material evenly across the surface, and work in sections.

Apply using a square technique: begin at one corner of a 4x4-foot section, rolling the material at an angle to the opposite corner without applying pressure. Spread the material only within that square, then immediately backroll to even out and minimize roller lines. Continue in this manner, maintaining a wet edge to avoid roller marks.

APPLICATION OPTION 2 : QUICKER APPLICATION

This method is recommended for experienced users only. Pour the mixed material in a long ribbon, spread it with a flat or notched squeegee, and then back-roll with a 3/8" nap roller. **You can keep the mixed material in the bucket while pouring and spreading, but be careful not to exceed the pot life.**

POT LIFE: 40 - 50 minutes, with a working time of 20-30 minutes.

QUESTIONS OR NEED ASSISTANCE?

Contact your Spartan Epoxies Sales Representative for application support at 1-877-288-1952, email spartanepoxies@gmail.com, or start an online chat at www.spartanepoxies.com.

XC75™
POLYASPARTIC COATING

NOTICE TO BUYER

DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Listed physical properties are typical and should not be construed as specifications. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.