



PRODUCT DATA SHEET

Har-Tru® Court Patch Binder

DESCRIPTION: Har-Tru® Court Patch Binder is a non-textured, water based, high strength latex resin designed to be mixed with portland cement and clean, dry silica sand to level low and high areas, fill depressions, and fill cracks or voids in new or existing asphalt, concrete courts or onto properly prepared and sound existing acrylic recreational coatings. Har-Tru® Court Patch Binder is asbestos and mercury free.

PRODUCT USAGE: Har-Tru® Court Patch Binder was designed as a product that could provide solid and durable patches prior to the color coating of tennis, pickleball, basketball and virtually every type of recreational or sports areas on asphalt or concrete.

COLOR OPTIONS: Har-Tru® Court Patch Binder is neutral in the packaging.

MIX DESIGN: Har-Tru® Court Patch Binder is mixed by an authorized applicator at the project site. Har-Tru® Court Patch Binder is to be mixed only with a silica sand and a portland cement that have been cleaned and dried by their manufacturers and must be free of any impurities and should be mixed thoroughly to ensure a uniform, smooth consistency. The portland cement should be sifted through a screen to remove hard clumps. The following table provides the ranges for mixing with the cleaned, dried silica sand and the clean, dry portland cement. The Mix Design may need to be adjusted based humidity levels, ambient air temperature, surface temperature and surface porosity.

Product Description	Depression of Low Area Applications and Crack / Void Filling
Har-Tru® Court Patch Binder	3 gallons
60-90 mesh Cleaned, Dried Silica Sand *	100 lbs.
Clean, Dry Portland Cement	1 - 2 gallons

* ONLY use silica sands that are free of clay, silt, or any other impurities.

APPLICATION METHOD: Har-Tru® Court Patch Binder is to be applied to a cleaned and dried area utilizing a trowel, aluminum screed, flexible 50 to 70 durometer squeegee by qualified personnel. A tack coat of one (1) part Har-Tru® Court Patch Binder mixed with two (2) parts potable water should be applied and must be dry prior to applying Har-Tru® Court Patch Binder. For leveling depressions and low areas, mixed Har-Tru® Court Patch Binder should be applied in lifts not too exceed approximately ¼" thick. Additional applications may be applied only after the previous applications have cured. All applications should be feathered out to create a fine edge. For filling cracks, Har-Tru recommends filling cracks 3/8" or wider with mixed concrete to provide greater long-term support for the Court Patch Binder. The concrete must be allowed to dry prior to coating over the concrete with mixed Court Patch Binder.



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APPLICATION METHOD (cont'd): The applied Har-Tru® Court Patch Binder, mixed with silica sand and portland cement, should be permitted to cure for 24 hours prior to applying subsequent Har-Tru® Sports Coatings products. Rough areas, lips or edge should be smoother prior to applying any subsequent Har-Tru® Sports Coating products.

COVERAGE: The applied coverage rates for Har-Tru® Court Patch Binder will vary based on surface porosity, surface temperature, ambient air temperature, humidity, altitude, etc.

Depression or Low Area Applications: approximately 3 square yards per 3-gallon batch mix applied $\frac{1}{4}$ " thick.

Cracks: One gallon of mixed products should fill approximately 8-10 linear feet of crack measuring approximately $\frac{1}{4}$ " wide by $\frac{3}{4}$ " deep.

DRYING: The drying time of each application can vary due to shade, surface porosity, surface temperature, ambient air temperature, humidity, altitude, etc.

LIMITATIONS: Har-Tru® Court Patch Binder should not be applied when the ambient air temperature is below 55° degrees Fahrenheit during the application process and for 24 hours after a coat is applied or if the surface temperature exceeds 140° Fahrenheit. Do not apply Har-Tru® Court Patch Binder if the areas to be coated is wet or if rain is imminent. Do not apply Har-Tru® Court Patch Binder onto asphalt-based or tar-based emulsion products. New asphalt should be allowed to cure for a minimum of 14 to 21 days and new concrete should be allowed to cure for a minimum of 28 days, check with your authorized Har-Tru® Sports Coatings contractor or applicator for any variances to these curing times based on local conditions. Keep all Har-Tru® Court Patch Binder from freezing and do not store in sun exposed areas. Har-Tru® Court Patch Binder will not prevent pavements from cracking or re-cracking.