

PRODUCT: HARD -TOP HT- 1
HT-1 Acrylic
HT-2 Acrylic Urethane

Hard Top HT-1

DESCRIPTION: Hard -Top 1 is a water based coatings for interior or exterior concrete, stone and unglazed tile. It produces an extremely hard durable surface designed to withstand vehicle traffic on driveways and garage floors. Both products are hot-tire resistant with good chemical resistance. HT-1 is a single component acrylic. It produces a gloss sheen on coated surfaces. A lower sheen or semi-gloss is available by special order. Meets VOC Requirements.

USES: A clear, high gloss protective coating for concrete, masonry, stone and unglazed tile. It is designed for floors, driveways, garage floors, concrete pavers and sauttillo pavers. Hard Top not only seals concrete pavers but helps hold joint sand in place. Hard Top is recommended as the clear top coat for Stone Stain colored concrete and Polycross polymer-cement overlayers in heavy traffic areas. R-Crete Stone Stain-Clear is recommended around wet environments-pools fountains etc.

ADVANTAGES: Hard Top, a waterborne single component coating, provides the hardness and durability typically only found in two component systems. It offers breathability and recoating properties superior to two component systems. Hard Top passes hot tire testing and provides excellent chemical resistance.

TECHNICAL DATA:

Form:	Thin liquid
Type:	HT-1 - Water based acrylic
Weight	8.5 lbs. per gallon
Clean up:	Water
Coverage:	Approx. 300 sq. ft. per gal.-dense surfaces Approx. 100 sq. ft.-porous surfaces
Drying time:	Touch 50 min. @ 70 ⁰ F.
Re-coat:	90 min.- temp. dependent
Light traffic:	8- 24 hours.

Heavy traffic:	36-72 hours
Gloss:	Gloss
V.O.C content:	100 g/L
Chemical	Gasoline, diesel, oil
Resistance:	Transmission fluid
Curing temp.:	Must be >55° F

CAUTION: Hard Top is slippery when wet. It is the responsibility of the user to make sure the application is done with adequate texture for proper slip resistance.

APPLICATION:

Surface Preparation - All surfaces must be clean and free of all dirt, dust, oil, grease, bond breakers, loose coatings, paint or anything which may inhibit penetration and adhesion. Washing with a cleaner and high pressure water is suitable for many applications. Acid wash, neutralizing and powerwash is also acceptable.

Concrete should be at least 7 days old prior to application. Always test small areas prior to the start of the entire project. Proper surface preparation is critical for good adhesion.

Priming: Although not mandatory, concrete substrates should be primed with R-Crete Silox PS-2 Primer-Sealer. Priming helps adhesion and reduces efflorescence from the substrate. Allow primer to dry prior to application of primer. Coverage should be approximately 300 sq. ft. depending on surface porosity.

Application - Hard Top may be applied by brush, roller, spray, or other method depending on the finish required. Do not apply in temperatures above 95⁰F or below 55⁰F. Extra precautions must be taken when the temperature may drop below 55⁰F prior to cure. Applications may need to be done earlier in the day to allow for longer cure times. Do not apply if rain is eminent prior to cure. Apply in thin coats. Multiple coats are always recommended over 1 thick application. Skid resistance is best achieved by broadcasting or adding R-Crete Clear Tex into the clear top coats. Check to make sure the finished surface has adequate slip resistance for the application.

MAINTENANCE: Hard Top HT-1 requires maintenance to keep an attractive appearance. Surfaces should be periodically cleaned with soap and water. Avoid cleaners such as 409 or similar products. Hard Top HT-1 will adhere to itself and may be re-coated or touched up. Clear, protective top coats should be reapplied periodically as needed. The time period between re-coating can vary dramatically depending on the wear conditions. Removal can be done using high strength strippers. Check individual products for their effectiveness. Although Hard Top HT-1 has good chemical resistance, all chemicals should be removed from the surface as soon as possible.

PACKAGING: Hard Top HT-1 is available in 1 quart, 1 gallon and 5 gallon containers. Color packs are available for tinting.

STORAGE AND HANDLING: Store in a cool dry area out of direct sunlight. Protect from freezing. Although Hard Top HT-1 is water based it does contain chemicals which should not come in contact with the skin and eyes. Always wear protective goggles and gloves when handling chemicals. Read Material Safety Data Sheet prior to application. **KEEP OUT OF REACH OF CHILDREN.**

LIMITATIONS:

- Slippery when wet-must provide for adequate slip resistance.
- Do not allow to freeze or use in freezing conditions.
- Do not use in extreme heat.
- Proper substrate preparation required.
- Not recommended for water retaining structures - pools, fountains, etc.
- Must allow 1-3 days prior to heavy traffic.
- Do not apply when temperatures are below 55⁰F prior to cure.

WARRANTY: R-Crete Inc. warrants all Hard Top HT-1 to be free from manufacturing defects. Since the soundness of the substrate, surface preparation or application method are beyond the control of R-Crete Inc., it cannot assume any risk or liability for results obtained when not used in strict accordance with our specifications and written directions. R-Crete Inc. assumes no liability for color uniformity other than to provide a consistent product from the manufacturing facility that meets industry standards for allowable tolerances. Variations in color due to substrate, weather, application techniques and any means other than manufacturing defects are the responsibility of the purchaser. The warranty excludes normal wear and fade for the area of application. If the product proves to be defective the only obligation of R-Crete Inc. will be to replace the defective material. R-Crete Inc. assumes no liability for any labor or replacement costs of any kind. The purchaser shall assume all responsibility for use of the product for their intended purpose.

R-CRETE INC.

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