



TECHNICAL DATA SHEET

CS-AC30^{WB}



ACRYLIC SEALER

CS-AC30 WB is a one-component water-based acrylic sealer or clear coat. It is self-crosslinking, aliphatic, and is low odor, containing less than 50 g/L VOC's. It is a light-stable acrylic that won't chalk or yellow with exposure to sunlight. CS-AC30 WB has a low viscosity that can be sprayed or roller applied. Make sure surface is free of any dirt, oil or moisture before application.

APPLICATIONS

CS-AC30 WB is designed for use in a variety of applications from interior floors to exterior concrete. Specific applications include:

- Aircraft Hangars
- Manufacturing Facilities
- Warehouses
- Retail Stores
- Restaurants/Bars
- Bathrooms
- Automotive Showrooms
- Garage Floors
- High Traffic Areas
- Storage Facilities
- Grind and Seals
- Exterior Slabs
- Decorative / Stamped Concrete

ADVANTAGES

- Water-based, low VOC's
- One-component, no measuring
- Cost effective grind-n-seal application for concrete and overlays
- Excellent adhesion and abrasion resistance
- Suited for both commercial and residential settings

PHYSICAL PROPERTIES

Appearance	Milky white liquid
Solids	28-32%
Weight Per Gallon	8.4 lbs
VOC	37 g/L
Viscosity	>50 cps
Coverage Rate	400-450 sq ft/gal
Tack-free Time (72° F) <i>*Dry-to-touch</i>	15-20 minutes
Slip Coefficients (ANSI 326.3)	
Average Wet DCOF:	0.61
Average Dry DCOF:	0.73

Available in
1-gallon Kits

Shelf Life

1 year in original unopened container.

Storage Conditions

Recommended storage temperature is between 75°F to 85°F. Do not store below 55°F or above 85°F.

Consistency

Pourable

Appearance

Milky white liquid
Custom Color Matching
Available

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MATERIAL COVERAGE PER GALLON

Coverage rate will vary based on concrete porosity, finish and environmental conditions. Typical installations will yield 400-450 sq ft per gallon.

SURFACE PREPARATION

Ground Concrete: Thoroughly grind the floor with up to a 200 grit resin. Clean surface thoroughly to ensure a strong bond with CS-AC30 WB. After surface prep, vacuum thoroughly to remove any dust, dirt, or debris. Do not use water to clean a floor prior to application.

Bare / Broom Finish / Exterior Concrete: Surface must be clean and free of dust, dirt, oils, seales and moisture. Vacuum surface before applying. Surface must have enough porosity to accept water

Acid-stained Concrete: Follow acid stain manufacturer procedure for cleaning and neutralization before applying CS-AC30.

CHEMICAL RESISTANCE

Tested after 7 days fo placement, 1 hour test, 1 hour recovery

Stain Test	Result
Coffee	No Effect
Red Wine	No Effect
Ketchup	No Effect
Mustard	Recovers
Iodine	No Effect
Chemical Test	
Water	No Effect
Motor Oil	No Effect
NaOH 10%	Recovers
NaCl 10%	Recovers
CaCl ₂ 10%	Recovers
TSP 3%	Recovers
Ammonia 10%	Recovers
HCl 5%	No Effect
Brake Fluid	No Effect
EtOH 50%	Recovers
Gasoline	Recovers
Skydrol	Does Not Recover

APPLICATION RECOMMENDATIONS

CS-AC30 has a low viscosity that can be sprayed or roller applied.

Ensure the surface is clean and thoroughly dried, making sure it is free of any dirt, oil or moisture before application. Apply using a pump sprayer and backroll with a 3/16"-1/4" nap non-shedding knit roller. Do not leave puddles of material on the surface. Avoid thicker applications as they will trap bubbles in the film. Keep the container closed while in use. Clean rollers and tools using acetone or MEK cleaner. Additional coats may be applied once the surface is tack-free.

This product is best applied at a temperature range of 50°F to 85°F, with humidity at 20% to 60%. Apply only when temperatures will continue to exceed 40°F (4°C) for at least 2 hours following application.

LIMITATIONS

Do not allow product to freeze below 32° F.

FIRST AID

Remove contaminated clothing. If Inhaled: Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. If on the skin: Wash affected areas thoroughly with soap and water. If in the eyes: In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Obtain medical attention.

WARRANTY

HTS warrants its products to be free of manufacturing defects will meet current published physical properties when applied in accordance with HTS directions and tested in accordance with ASTM and HTS standards. There are no other warranties by HTS of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. HTS shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, including any warranty of merchantability or fitness for a particular purpose or from any other cause whatsoever.



DOCUMENTATION