

Acryseal HS

100% Acrylic based Penetrating Sealer & Protective coating



An Industrial Care Company

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Technical Data Sheet

PRODUCT DESCRIPTION

A solvent-based coating formulated with acrylic resins designed for surface protection. ACRYSEAL HS is resistant to sea water, acids, alkali, water, ultraviolet rays, and wet and dry abrasion. The coating has a high resistance to normal traffic and the solvents incorporated provide excellent adhesion, flow and cure characteristics. The product is highly recommended for exterior use.

RECOMMENDED USES

- Concrete floors
- Finished Wooden surfaces
- Swimming Pool (highly resistant to water, acids and pH variations).
- As a water proof, sun proof, and a decorative top coating for masonry and mineral floors and walls.

LIMITATIONS

Do not use on areas sensitive to solvent attack.

MAINTENANCE

ACRYSEAL HS has high resistance to water, alkali, and abrasion. Clean, as needed, with neutral cleaner and water. Rinse after cleaning. If the surface begins to dull due to extensive use (typically 2-3 years) an additional coat of ACRYSEAL HS will restore the original luster of the floor.

APPLICATION

Preparation: All old paint, oil, and grease must be removed. It is required that hard or polished concrete to be grinded to open the pores for better adhesion and penetration.

Roller Application: Do not pour ACRYSEAL HS directly on surface. Apply ACRYSEAL HS at a rate not to exceed 100 ft² per liter. Use a roller pan or grid to

remove excess sealer. A second coat should be applied after the first coat has completely dried, usually after a minimum of 3 to 4 hours. Additional coats will increase the surface gloss.

Spray Application: Use an airless sprayer with a medium tip size and very low pressure. If conditions are windy or extremely hot, adjust technique to avoid "dry spraying" the surface. A second coat should be sprayed after the first coat is dry.

Cleanup: Use Thinner No. 7 for cleaning tools.

TECHNICAL DATA	Values
Specific Gravity	0.92
Non-volatile (wt)	26%
Wetherometer G23F Type	2000+hrs.
Moisture Vapor Permeability	0.001
Hurricane Force Water	No Effect
Abrasion Resistance	12.5 g. loss
Toukon Hardness	12 (KHN)
Glass Transition Temperature	60°C
Flash Point	65°F
Coverage (smooth surface)	80 sq. ft. / ltr
Min. Working Temperature	50°F

ACID & ALKALI RESISTANCETEST

Each sample was allowed to react for 24 hours under a watch glass, washed with water, allowed to recover for 30 minutes then observed:

Alkali

2% NaOH	Slight Dulling
5% Tide	No Effect
2% Ivory	No Effect

ACID

5% Citric Acid	No Effect
Milk (Lactic Acid)	No Effect
5% HCl	No Effect
5% Phosphoric Acid	No Effect
Mustard	Slight Stain
Ketchup	No Effect

SAFETY PRECAUTIONS

FLAMMABLE: Keep away from heat, sparks, and open flame. Ventilate area, do not let vapors accumulate. Material can be irritating to eyes and skin. In case of contact, flood affected area with water. See a Physician if irritation persists. Avoid prolonged breathing of vapors. Use approved organic vapor mask when TLV is exceeded.

KEEP AWAYFROM CHILDREN.

PACKAGING

5 liter, 20 liter pail, 200 liter drum.

AVAILABILITY AND COST

Available through a network of paint dealers. For availability information in your areas, contact PATSA. Cost will vary with location.

IMPORTANT NOTICE

These products are sold subject only to the expressed warranties contained herein. Additional warranties, expressed or implied, and any warranty of merchant ability is hereby excluded.

Buyer agrees that seller assumes no liability for consequential damages of any kind, which result from the use or misuse of the merchandise sold hereunder. In the event that the buyer proves that any goods received do not conform to the specifications agreed to between the parties or if the buyer proves that such goods were defectively manufactured. The buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the non-conforming goods at the option of the seller. Such remedy being exclusive of all others and the sole remedy available to the buyer, hereby expressly waives any claim to additional damages.

TECHNICAL SERVICES

Technical staff is available.
Contact: + (9221) 32201072.

WARRANTY

All recommendations, statements and technical data contained herein based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his use of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person having any injury, loss or damage directly or indirectly resulting from use of or inability to use the product. Recommendations or statements other than those contained in written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.



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