



Performance Coatings & Finishes

# PSX® 892HS

Engineered Siloxane®

Patent No. Pending

## Application Instructions

Adhere to all instructions, precautions, conditions and limitations during storage, handling, application and drying periods to obtain the maximum performance. For conditions outside the requirements or limitations described, contact your Ameron representative.

### Surface Preparation

Coating performance is, in general, proportional to the degree of surface preparation. Surface must be clean, free of moisture, grease or other contaminants, including salt deposits. Round off all rough welds and sharp edges, remove all weld spatter on areas to be primed.

**Dimetcote** – Refer to specific primer being used.

### Application Equipment

The following is a guide; suitable equipment from other manufacturers may be used. Changes in pressure, hose and tip size may be needed for proper spray characteristics.

**Airless spray** – Standard equipment such as Graco Bulldog Hydra-Spray 30:1 or larger, with a 0.013- to 0.017-inch fluid tip.

**Conventional spray** – Industrial equipment such as DeVilbiss MBC or JGA or Binks 18 or 62 spray gun and a pressure material pot with a mechanical agitator. A moisture and oil trap in the main air supply line; and separate regulators for air and fluid pressure are recommended.

## Application Procedure

1. Flush equipment with thinner or Amercoat® 12.
2. Stir material until uniformly blended.
3. Thinning is not normally required. If necessary for workability, thin up to  $\frac{1}{4}$  pint Amercoat 65 per gallon of PSX 892HS. Use only Amercoat thinners.
4. Apply a wet coat in even, parallel passes, overlapping each pass 50 percent to avoid holidays, bare areas and pinholes.  
**Do not exceed 3 mils DFT in 1 coat.**
5. When applying directly over inorganic zinc or zinc-rich coating, a mist coat/full coat technique may be required to minimize bubbling. This depends on the age of the Dimetcote surface and conditions during curing.

Drying time (ASTM D1640) (hours)	°F/°C		
	90/32	70/21	50/10
touch	1	2	3
through	2	10	24
recoat (minimum)	1	4	20
recoat (maximum)	12	24	48

*If maximum recoat time is exceeded roughen surface before recoating.*

Time before service @ 2-5 mils	°F/°C		
	90/32	70/21	50/10
air dry (days) or	5	7	9
heat cure (optional)	1 day at 70°F and 1 hour at 400°F		

6. Clean all equipment with thinner or Amercoat 12 after use.

## Environmental conditions

Temperature	°F	°C
air and surface	40 to 120	5 to 49

Surface temperatures must be at least 5°F (3°C) above dew point to prevent condensation.

## Safety Precautions

Read product's material safety data sheet before use. Safety precautions must be strictly followed during storage, handling and use.

**CAUTION – Improper use and handling of this product can be hazardous to health and cause fire or explosion.**

**Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapor concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.**

**This product is to be used by those knowledgeable about proper application methods. Ameron makes no recommendation about the types of safety measures that may need to be adopted because these depend on application environment and space, of which Ameron is unaware and over which it has no control.**

**If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.**

**Note:** Consult Code of Federal Regulations Title 29, Labor, parts 1910 and 1915 concerning occupational safety and health standards and regulations, as well as any other applicable federal, state and local regulations on safe practices in coating operations.

***This product is for industrial use only. Not for residential use.***

## Warranty

Ameron warrants its products to be free from defects in material and workmanship. Ameron's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Ameron's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to Ameron in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Ameron of such nonconformance as required herein shall bar Buyer from recovery under this Warranty.

**Ameron makes no other warranties concerning the product. No other warranties, whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall Ameron be liable for consequential or incidental damages.**

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