



AMERON
INTERNATIONAL

Performance Coatings & Finishes

PSX[®] 892HS

Engineered Siloxane[®]

Patent No. Pending

Product Data

- High-heat coating
- Good color retention
- Air cures at ambient temperatures
- Patented cure technology

PSX 892HS uses patented cure technology that produces a heat-resistant coating which cures at ambient temperatures. Full physical and resistance properties can be achieved without a heat cure. The corrosion resistance and resistance to splash and spillage of hot oils and water is equivalent whether the film is cured at ambient or high temperatures.

Typical Uses

PSX 892HS is used as a maintenance coating over Dimetcote for continuous high-temperature service such as stacks, breaching, furnaces, and other applications where operating temperatures range to 750°F. It is a weather resistant topcoat which has good color retention and appearance in weathering exposure.

Do not use PSX 892HS for rapid or regular thermal cycling service conditions, such as engine exhaust, mufflers, or other intermittent operating units.

Physical Data

Finish	Semigloss	
Color	Aluminum, black, haze gray* (approx GR-2)	
Components	1	
Curing mechanism	Solvent loss; chemical conversion	
Volume solids (calculated)	64% ± 3%	
Dry film thickness per coat**	2 mils (50 microns)	
Coats***	1 over Dimetcote	
Theoretical coverage	ft ² /gal	m ² /L
1 mil (25 microns)	1027	25.2
2 mils (50 microns)	514	12.6
VOC	lb/gal	g/L
PSX 892HS	2.7	323
thinned 1/4 pt/gal	2.8	335
Temperature resistance, dry***	°F	°C
Dimetcote/PSX 892HS	750	399
Flash point (SETA)	°F	°C
PSX 892HS	91	33
Amercoat [®] 65	78	26

Application Data

Applied over	Prepared and primed steel		
Surface preparation	See specific primer		
Primer	Dimetcote 9 or 9HS		
Method	Airless or conventional spray		
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.			
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
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		
Thinner	Amercoat 65, 911		
Equipment cleaner	Thinner or Amercoat 12		

*Color may vary from batch to batch. Product is not color matched.

**Do not exceed 3 mils DFT in 1 coat.

***Do not exceed 5 mils DFT in two coats. Do not apply more than two coats. If maximum thickness is exceeded, remove excess coating thickness by abrading, otherwise cracking may occur.

Formerly Amercoat 3328 & 892HS

Application Data Summary

See Application Instructions for complete information on surface preparation, environmental conditions, application procedures and equipment. To obtain maximum performance, apply as recommended. Adhere to all safety precautions during storage, handling, application and drying periods.

Safety Precautions

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

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.

Any recommendation or suggestion relating to the use of the products made by Ameron, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

Shipping Data

Packaging	1-gal can	5-gal can
Shipping weight (approx)	lb	kg
1-gal	10.7	4.9
5-gal	53.2	24.2

Shelf life when stored indoors at 40 to 100°F (4 to 38°C)

resin and cure 1 year from shipment date

Numerical values are subject to normal manufacturing tolerances, colors and testing variances. Allow for application losses and surface irregularities.

This product is photochemically reactive as defined by the South Coast Air Quality Management District's Rule 102 or equivalent regulations.

Limitation of Liability

Ameron's liability on any claim of any kind, including claims based upon Ameron's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. **In no event shall Ameron be liable for consequential or incidental damages.**



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