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## PRODUCT DESCRIPTION:

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Albi 490W is a rust inhibitive, acrylic primer, designed as a shop coat or field primer for structural steel and other metal substrates. It has been specifically formulated for compatibility with Albi Intumescent Fireproofing

materials, strong solvent base paints and mastics, where a water-based primer is preferred or required.

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## RECOMMENDED USES:

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490W is recommended for use whenever a top quality metal primer is required. Primary applications are for installations to be fireproofed with either water based or

solvent based fireproofing coatings such as Albi Clad TF and/or Albi Clad 800.

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## PHYSICAL PROPERTIES:

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**DRYING TIME:** Air Dry – 45 minutes.  
**RECOAT:** Two hours between coats.  
**PACKAGING:** 1 gallon, 5 gallon and 55-gallon containers.  
**COLOR:** Red  
**GLOSS:** < 10°  
**SOLVENT:** Water  
**FLASH POINT (TCC):** None  
**VOC's:** 0.04 lbs. per gallon

**WEIGHT/GALLON:** 11.0 to 11.50 lbs./gallon  
**SOLIDS BY WEIGHT:** 52% ± 3%  
**SOLIDS BY VOLUME:** 41% ± 3%  
**COVERAGE:** 328 - 219 sq. ft. per gallon  
**WET FILM THICKNESS:** 3.0 - 5.0 Mils  
**DRY FILM THICKNESS:** 2.0 - 3.0 Mils  
**VISCOSITY:** 60 - 70 sec. #2 Zahn Cup  
**Ph:** 8.0 - 9.0

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## APPLICATION:

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**Recommended Thickness:** Surface profiles and porosity should be considered when determining coverage rates. For use under normal interior conditions, apply at 2.0 mils DFT at a theoretical coverage rate of 328 square feet per gallon. For corrosive or exterior exposures, apply at 3.0 mils DFT at a theoretical coverage rate of 219 square feet per gallon. Application may be made by brush, roller, spray, or dip using standard equipment and techniques.

In general, standard instructions for painting metal surfaces apply: Be sure surfaces are clean of all dust, rust, mill scale, grease, oil, or other foreign residue that may impair adhesion. Sandblasting is required when the surface is encrusted with rust, scale or other bond inhibiting residue not readily removed by hand or chemical means. In areas where sandblasting is not permitted or feasible, power cleaning for steel (SSPC-SP3-63) is recommended.

**Surface Preparation:** Surface preparation should follow the recommendations of the Steel Structures Painting Council.

**Thinning:** None, or reduced as desired with water.

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## WARRANTY

LIMITED WARRANTY/LIMITATION OF LIABILITY: Seller warrants that its products will meet the specifications which it sets for them. Seller's responsibility under this warranty will be limited solely to replacing the products which prove defective, provided that Buyer gives Seller prompt notice in writing of said defect and satisfactory proof thereof. Products may be returned to Seller only after written authorization has been obtained from Seller. The foregoing warranty is in lieu of all other warranties, whether oral, written, express, implied or statutory. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WILL NOT APPLY. Technical or other advice is furnished by us solely as an accommodation and shall not increase the scope of our responsibilities or liability. Seller's warranty obligations and Buyer's remedies hereunder are solely and exclusively as stated herein: In no event will Seller be liable either for the labor and other associated costs incurred in replacing the product, including, but not limited to, its removal and application, or for other incidental or consequential damages.



Albi Manufacturing  
Division of StanChem Inc.  
401 Berlin St., East Berlin, CT 06023  
860/828-0571 Fax: 860/828-3297  
<http://www.albi.com>

## ALBI COTE 490W Primer (Product Data Information)

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### APPLICATION (cont.):

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**Dry Time:** Albi 490W is a slow drying primer. Best results require at least 48-72 hours of curing time prior to overcoating.

**Clean-up:** Clean brushes, rollers and spray equipment promptly with warm, soapy water followed by a clean water rinse.

**Storage:** Store in tightly closed containers. Keep between 45°-90° F (4-32° C).

**Packaging:** 1, 5, & 55 US gallon containers.

*Write for further test information on Albi 490W or our complete line of fire retardant coatings and fireproofing systems. Or you may visit our web site: [www.albi.com](http://www.albi.com).*

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### SAFETY PRECAUTIONS:

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Albi 487S Primer contains no flammable solvents. Proper ventilation should be provided especially in enclosed areas. Avoid prolonged breathing of vapor and repeated contact

with skin. For safety and health information on Albi 490W, please refer to our current Material Safety Data Sheet.



Distributed By:  
**KBS Passive Fire Pty. Ltd.**  
Australia - Canada - Saudi Arabia  
P: +61 2 9969 7100  
F: +61 2 9969 7200  
P: +1 604 941 1001  
F: +1 604 941 1029  
E: [mail@kbspassivefire.com](mailto:mail@kbspassivefire.com)  
W: [www.kbspassivefire.com](http://www.kbspassivefire.com)

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