

## DESCRIPTION

**#850 SWS** is a unique, water based coating designed to protect walking areas and paths on smooth roofing systems. **#850 SWS** can be used on coated and fluid applied roof systems as well as approved single ply\*\*, modified bitumen and BUR roofing. It is formulated with extremely tough acrylic resins and binders, to form a long lasting walking surface on smooth and coated roofs. **#850 SWS** contains an aggregate to form a textured non-slip surface with very high abrasion resistance. When applied properly it will protect the roof surface from damage due to foot traffic. It will also provide a non-slip surface adding an extra level of safety for personnel walking on the roof surface. **#850 SWS** can be reinforced with polyester fabric to provide an even greater level of protection from puncture and equipment damage in areas of high abuse. **#850 SWS** allows the normal flow of water on the roof surface. It does not block or dam water like roof protection pads and sheets.

## PHYSICAL PROPERTIES

Color.....	Burnt Yellow
Total Solids.....	69% by weight
Consistency.....	Heavy, for Roller or Brush
Tensile Strength.....	411 psi ASTM D2370
Elongation.....	195% ASTM D2370
Tear Resistance.....	109 lbf/in ASTM D624
Low Temperature Flex.....	Pass 15°F ½" ASTM D522
Weatherability.....	Excellent
Application Rate.....	4-6 Gal. per 100 sq. ft.
Application Temperature.....	Minimum 65° F
Dry Time (through dehydration).....	3-4 hr. @ 75° F
Tack free time.....	1 hr.

## PREPARATION

Surface must be dry and free of dirt, dust, oil, grease, wax, rust, chalky or loose paint, mildew and any other surface contamination that may inhibit adhesion. Mix pail thoroughly to distribute aggregate throughout the coating. Mask off paths and designated areas that are to receive **#850 SWS** using removable masking tape or other appropriate surface protection. For best results, remove masking while coating is still wet.

## APPLICATION

Using short nap or smooth roller, apply to the properly prepared surface at the rate of 2-3 gallons per 100 sq. ft.. After first coat has dried (at least 24 hrs.) apply a second coat and the rate of 2-3 gallons per 100 sq. Ft.. It may be desirable to apply at a right angle to the first application to achieve a more desirable surface pattern. In high abuse areas it is recommended that the **#850 SWS** be reinforced with polyester fabric to provide increased resistance to puncture and membrane damage. Embed polyester fabric into first application of **#850 SWS**.

Wet (un-dried) coating material and all tools and equipment may be cleaned with detergent and water. Mix thoroughly before using. Do not dilute.

**PRECAUTIONS:** Do not apply **#850 SWS** when surface or air temperature is below 65° F, or if cold weather, rain or fog is expected within twenty-four hours of application. **#850 SWS** cures through dehydration. Drying time may vary depending upon wet film thickness, temperature, humidity and air movement.

READ AND FOLLOW DIRECTIONS CAREFULLY. REFER TO MSDS FOR PROPER HANDLING. NOT DOT REGULATED.

STORE CONTAINERS IN COOL, DRY, PROTECTED AREA. KEEP FROM FREEZING

\*\*Consult manufacturer for recommended membranes.

## LIMITED WARRANTY

WESTERN COLLOID warrants its products to be of merchantable quality and suitable for the general purpose for which they were intended, when applied in accordance with WESTERN COLLOID's instructions. WESTERN COLLOID does not warrant its products to be suitable for any purpose or use other than for which they were intended. Liability under this warranty is limited to supplying new material without charge, or at WESTERN COLLOID's option, to a refund of the purchase price. In the event of a claim under this warranty, notice must be given in writing at the addresses shown hereon. THIS LIMITED WARRANTY IS ISSUED AND ACCEPTED IN LIEU OF ALL OTHER EXPRESSED WARRANTIES, AND EXPRESSLY EXCLUDES LIABILITY FOR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

TEC 850 1508A