



P.O. Box 599 - Mars, PA 16046
800-321-3337

**BLACK-TOP WEAR SURFACE SPECIFICATION TO BE USED IN CONJUNCTION
WITH LAURENCO N-1 SPECIFICATION**

CAVEAT TO WATERPROOFER: This specification is to be used with the Laurenco N-1 Specification modified to have black top applied over it. Quantities of adhesive shall be approximately four 4 gallons to 100 sq. ft. total with no sealing of the laps. The laps will ultimately be heat sealed when the black-top is applied.

A. Materials consisting of BLACK-TOP MIX, ETC.

1. Aggregate shall consist of crushed only river stone that has been triple washed with the following sizes and percentages:
 - a. 50% of $\frac{5}{8}$ inch
 - b. The balance of 50% shall be split into these sizes with these amounts:
 - i. $\frac{1}{3}$ shall be $\frac{3}{8}$ inch to $\frac{1}{2}$ inch
 - ii. $\frac{1}{3}$ shall be $\frac{1}{8}$ inch to $\frac{1}{4}$ inch
 - iii. $\frac{1}{3}$ crushed sand
2. Asphalt binder: The asphalt to be used shall be a highway asphalt with the usual available melt point. However, the penetration of the asphalt shall not be less than 30 to 35 or more than 35 to 40. Application temperatures shall be between 275 and 325 degrees Max.
3. Protection board shall be the Laurenco Protection Course (Standard or Specification Grade).
4. Primer
 - a. Do not use a primer over the Laurenco Protection Course.
 - b. If an asphalt primer has to be used between the two (2) passes of one (1) inch each for a total of 2 inches, use an ASTM D41 applied sparingly at the rate of one-half ($\frac{1}{2}$) gallons per 100 sq. ft. max. This primer shall be Laurenco Rubberized Primer only.

This **CAVEAT** shall be observed for any future additions (passes) of this black top mix.

NOTE WELL: Always used a crushed aggregate to interlock these filler materials. It is to be remembered at all times that asphalt does act as a lubricant and allows river run aggregate to roll around like ball bearings.

The same holds true if the polyethylene film is left in place. The Black Top mix will split because the mix needs to exposed felt of the asphalt/felt protection to grab.



B. PREPARATION:

1. As soon as the waterproofing assembly is complete, place the Laurenco Protection Course into the top coat of adhesive. Use a light water spray equipped “pony” roller several times to compact tightly the waterproofing assembly. Remove any excess adhesive oozing up between the tight butt joints of the protection board. Scrape up this excess and properly trash. By the third roll the waterproofing assembly should no longer have a “popping” sound, and the excess adhesive will be gone, as well as, any air that has been entrapped at the time of the waterproofing application.
2. Allow one week to ten days for the waterproofing assembly to firm-up.
3. **DO NOT PRIME THE LAURENCO PROTECTION COURSE.** Priming will change the viscosity of the black-top’s asphalt binder to a thinner consistency which always lessens the adhesion/binding of the aggregate. Heat of the black-top will create the bonding necessary.
4. Apply the black-top and roll in (pack) firmly.
5. **OPTION:** If surface of the first pass has become dusty, clean or blow dust away and using Laurenco Rubberized Primer at the rate of ½ gallon per 100 sq. ft. to lightly wet the surface. Allow to dry. Usually 36 to 72 hours. It is suggested that a Hudson Sprayer is an excellent application tool to use. Do not overlap the prime coat.

DO NOT APPLY ANY SEALING COAT OF COLD APPLIED ASPHALT UNTIL MINIMUM OF TWO WEEKS (14 DAYS) HAVE LAPSED. All sealing coats shall be thinly applied (approx. 3/4 gallons per 100 sq. ft. max. per coat). Do not exceed two coats total. Allow 72 hours minimum between coats for set-up (flash-off) time. Again, a Hudson Sprayer is recommended.

END OF LAURENCO BLACK-TOP SPECIFICATION