

# ALL PATCH

## HIGH PERFORMANCE STOCKPILE COLD PATCH

**Description:**

This bituminous patching mix shall consist of an asphalt and aggregate mixture which will provide satisfactory adhesive, cohesive, and workability characteristics. This patching mixture can be stockpiled year-around and can be applied under all weather conditions. It can be applied to both asphalt and concrete surfaces as well as exposed wood or steel without the necessity of any additional tack coat or primers. The liquid asphalt and aggregate utilized shall meet the following specifications.

**Liquid Asphalt:**

The liquid asphalt shall be ALL PATCH LA from All States Asphalt, Inc. which meets the following requirements:

Kinematic Viscosity @ 60 C, cSt	350 – 4000
Flash Point, (ASTM D92), COC	93 C min.
Solubility in Trichlorethylene	99% min.
Distillation Test (ASTM D402)	
225 C (% by volume of original sample)	0
260 C (% by volume of original sample)	0 - 5
315 C (% by volume of original sample)	0 – 20
Total % Residue from Distillation @ 360 C	70 – 95

Tests on Residue:

Absolute Viscosity @ 60 C, poises	120 – 440
Penetration modified with cone (ASTM D-5)	200 min.
Ductility @ 4 C (1 cm/min)	85 min.

**Aggregate:** The aggregate shall be crushed stone meeting the following gradation.

<u>Sieve Size</u>	<u>Percent Passing</u>
3/8"	90 – 100
#4	20 – 55
#8	0 – 20
#50	0 – 4
#200	0 - 2

**Mixture:** The mixture shall consist of an aggregate and asphalt, combined in a pugmill at a temperature not to exceed 75 C, with an asphalt content (ASTM D-2172) between 5.0 and 6.5 percent. The patch material shall have a minimum of 95% coating.