

S-40 PRIMER (ASPHALTUM)

PRODUCT DESCRIPTION:

S-40, when installed as a system with S-41, forms an acid-, alkali- and water-resistant barrier, as well as a flexible membrane, between Summitville floor brick and concrete substrates. S-40 is a penetrating, fast-drying liquid containing asphalt and a suitable solvent. No chemical action will take place when the dry film is immersed for five days at room temperature in each of the following solutions:

1% Sulfuric Acid
5% Sodium Hydroxide
5% Potassium Hydroxide
Water saturated with H₂S

USES:

The S-40/41 system is recommended for use in corrosive environments, such as concrete tank and floor construction in steel, chemical, pulp and paper, and refining industry applications. It protects concrete against highly corrosive chemical attack and isolates brick from structural movement of the concrete.

TECHNICAL DATA: Physical Properties

Property	Test Method	Typical Value
Asphalt, by weight		35-43
Solvent, by weight		55-65
Ash, by weight		.5% maximum
Drying time, @ 73.4 ± 4°F (23 ± 2°C)		2 hours maximum
Wt./gal. @ 73.4 ± 4°F (23 ± 2°C)		7.0-7.5
Viscosity, @ 77°F (23° C)		30 to 50 cps.
Penetration of Residue, 73.4 ± 4°F (23 ± 2°C)	ASTM D5	20 to 60
Softening Point of Residue	ASTM D36	145 to 225°F (71.1°C to 85°C)
Flash Point		(12.8°C)

COVERAGE:

Quantity required for each 50 sq. ft. of surface: 1 gal.

PACKAGING:

S-40 is available in 5-gallon pails.

SPECIFICATIONS:

Material: S-40 Primer shall be fast-drying liquid containing asphalt and a suitable solvent to be used with the S-41 hot melt membrane system. The primer shall be supplied by Summitville Tiles Inc., Summitville, Ohio.