

Solver Paints

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PRODUCT INFORMATION

SS-126

TREATMENT OF SMOKE DAMAGED SURFACES

The composition of smoke stains is dependant on the composition of the material that has been burnt to produce the smoke. Some smoke stains may contain high proportions of carbon particles but others can contain a wide variety of both solvent and water soluble substances. Wood and paper fires produce large amounts of carbon but plastic can produce many types of contamination. Smoke from cigarettes produces nicotine deposits that will produce stains through the applied paint coatings. It must be assumed that on any smoke damaged surface, both water and solvent soluble substances will be present.

The initial treatment of all smoke related stains must involve the washing of the surface using SOLVER Line 4960 Heavy Duty Sugar Soap and a sponge or soft cloth, working up from the bottom of the wall to avoid running of the stain over other work. Allow a few minutes for the Sugar Soap to penetrate the stain and then thoroughly rinse off with clean water. On severely affected areas, the washing and rinsing process may have to be repeated to effectively remove the surface contamination. The surfaces must be allowed to thoroughly dry prior to the application of a sealer.

Although thorough washing may have taken place, some remnants of the smoke stain may remain on the surface. If a solvent based paint were applied to the surface, this will stop any water based stain from being transmitted through the coating but will transmit any solvent based stain material, and a water based coating will work in the opposite manner and transmit water based stains.

A combination of these two types of materials must be applied to effectively seal back most smoke stains. SOLVER Line 4747 Quick Drying Multi Block Stain Sealer applied as a full even coat unthinned direct from the can will assist in sealing back the stain. Two coats of Quick Dry Multi Block Stain Sealer may be required depending on the severity of the stain and the effectiveness of the pre-cleansing process.

The application of either water or solvent based topcoats can progress after the sealer has been allowed to thoroughly dry for a minimum of 2 hours.

CHANGES SINCE LAST ISSUE:



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