

IMPREGNATOR/ASF

PRODUCT DESCRIPTION

Star Impregnator/ASF has been developed to perform with the same outstanding benefits and applications of the original Star Impregnator. Without the environmental impact or vapor trails. Star Impregnator/ASF is an aqueous based, siloxane silicon, high solids formula that performs as the mineral based products which have been the standard in our industry. Star Impregnator/ASF penetrates into the pores of the surface to form a barrier that is resistant to moisture and stains while allowing complete vapor transmission. Star Impregnator/ASF is not a surface coating and will not alter the natural look. All surfaces are harder and less slippery. Star Impregnator/ASF can be used on interior and exterior applications from minus 20 degrees Fahrenheit to 212 degrees Fahrenheit. Star Impregnator/ASF allows maximum penetration while providing excellent coverage for cost effective performance. Star Impregnator/ASF averages five to 20 times the coverage of other products (See coverage chart). Star Impregnator/ASF is U.V. transparent, resists acid rain and will not yellow under any circumstances. Star Impregnator/ASF inhibits the growth of mold, mildew and fungus in humid and damp areas. For added color on textured non-polished surfaces, Star Satin Finish may be applied after Impregnator/ASF has cured. See product data sheet on Satin Finish for proper application instructions. Due to the difference on each material, several inconspicuous test patches should be completed to assure maximum performance. Users must determine suitability of the product for their intended use.

POROUS MATERIALS

Absorption rates vary for each natural stone and man-made product. Porosity and absorption are separate factors which are unique to each material. For materials identified as highly absorbent and/or very porous, test with 2 or 3 applications, affording proper cure time between applications. If further stain proofing is required, Triple Star Impregnator is recommended.

APPLICATION INSTRUCTIONS--New Installation, Before Installing

Apply Star Impregnator/ASF on all surfaces prior to grouting. This step will allow quick and easy clean up after grouting. Grout can stain many materials if this procedure is not used prior to grouting. Apply Star Impregnator/ASF using a clean cotton towel, lambs wool applicator, rayon mop or pneumatic sprayer. Apply enough to wet surface (See coverage chart). Be careful not to saturate the open grout joints. Allow Star Impregnator/ASF to stand for 3 to 5 minutes for maximum penetration. All excess must be removed at this time with a clean dry towel. This is especially important on glazed, polished and porcelain materials. Allow Star Impregnator/ASF to cure 24 hours before continuing with the grouting procedure.

NEW INSTALLATION--AFTER GROUTING

All excess grout residue/haze must be removed with the appropriate cleaner before continuing. Apply Star Impregnator/ASF to the grout joints using paint brush or towel. On larger areas or more porous materials, a second application may be applied over the entire surface including the grout joint in the same manner as mentioned above. These procedures will protect the grout joint as well as the tile or stone surface.

EXISTING INSTALLATION

Remove all existing wax and topical matter with Starstrip or compatible stripping agent. If surface shows embedded dirt or stains, refer to Starclean and Star Purge products to restore face of surface. After allowing to thoroughly dry, apply Star Impregnator/ASF as directed above.

CURE TIME

Star Impregnator/ASF fully cures in 24 hours. It will be dry to the touch in 30 minutes. Traffic is allowed after 8 hours. If humidity is a factor, adjust air conditioning/HVAC system to lowest humidity setting, or use air movers to hydrate product for accelerated cure time.

STORAGE

Star Impregnator/ASF should be stored in the original container, securely sealed to avoid contamination/leakage. Store at 40 degrees Fahrenheit to 77 degrees Fahrenheit (3 degrees to 4 degrees Centigrade). Star Impregnator/ASF has a shelf life of 12 months. Extended shelf life requires shaking or stirring of product before application.

ENVIRONMENTAL IMPACT

Star Impregnator/ASF exceeds all regulated criteria applicable, has no mineral vapor trail, no VOC content, is non corrosive and extended life biodegradable.



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Sanded Grout	250-1,000	Sq. Feet/gal
Quarry Tile	500-1,500	Sq. Feet/gal
Glazed Tile	1,500-2,500	Sq. Feet/gal
Porcelain Tile	2,500-3,500	Sq. Feet/gal
Polished Granite	2,500-3,500	Sq. Feet/gal
Polished Marble	2,500-3,500	Sq. Feet/gal
Terrazzo	1,500-2,500	Sq. Feet/gal
Brick Pavers	500-1,500	Sq. Feet/gal
Slate	500-1,500	Sq. Feet/gal
Quartz	1,500-2,500	Sq. Feet/gal
Limestone	1,500-2,500	Sq. Feet/gal