



Sto Lotusan™ Frequently Asked Questions

Q1: *What type of coating (paint) is Lotusan?*

A1: Lotusan is a unique blend of proprietary ingredients that impart super-hydrophobic properties—the Lotus-Effect®-- to the coating (paint).

Q2: *What is the Lotus-Effect®?*

A2: The Lotus-Effect® is a special, extreme anti-adhesion characteristic of the Lotusan coating (paint). This anti-adhesion characteristic allows buildings to stay clean and dry when coated with Lotusan.

Q3: *How long will the Lotus-Effect® last?*

A3: The Lotus-Effect® generally improves with age. The oldest jobs in Germany are 7 years old and are still showing the Lotus-Effect®.

Q4: *Can Lotusan be used on wood or metal surfaces?*

A4: No.

Q5: *Is Lotusan an elastomeric?*

A5: No. Lotusan should not be used where an elastomeric is required. Also, Lotusan should not be used to recoat over elastomerics.

Q6: *What is Lotusan's ability to resist stains?*

A6: Lotusan will get dirty if thick dirt/mud/clay is splashed or sprayed onto the coating (paint). Light pressure washing should remove the dirt if staining does occur. Refer to cleaning instructions on the product bulletin.

Q7: *Are there any special cleaning procedures?*

A7: Lotusan should only be cleaned with clean water. Detergents should not be used, as they can temporarily reduce the Lotus-Effect® for a short period of time (1-3 months). Please consult a Sto technical representative if a detergent is needed.

Q8: *What is the coverage of Lotusan?*

A8: Lotusan should achieve 200 – 270 square feet per gallon per coat.



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Q9: *The working time on the specification sheet says 20 minutes, is this accurate, can you extend the working time by adding water?*

A9: Some water can be added to Lotusan to extend the working time of the product. For spray application, 12-24 oz (per 5 gallon pail) can typically be added without a loss of workability. Roller application is a little more sensitive-- 12 oz (per 5 gallon pail) is the recommended maximum. The amount of water that can be added will depend on the color. Dark colors may not need any water-- the high pigment load (and glycols contained within the pigment dispersion) will help extend the open time. The applicator should be responsible for determining the amount of water that can be added in the field. We also highly recommend that applicators do not apply this product in direct sunlight.

Q10: *Is Lotusan's color consistent from pail to pail?*

A10: Lotusan will provide very good pail to pail color consistency. As with all Sto products, we recommend that different batches be utilized around architectural breaks.

Q11: *If the surface is stained before it cures, can it be cleaned, or can you re-paint over the stained area?*

A11: You can attempt to clean the stained area with low pressure clean water. Care should be taken to ensure that the Lotusan is fully cured before doing so. If the stain cannot be removed, it can be touched up with fresh Lotusan.

Q12: *Can the product be touched-up in the first 30 days without any change in color?*

A12: With any coating (paint), there is always the potential for slight variations in color when touch ups are made. Touch ups create differences in texture and thickness, which impacts color perception. Changes in application conditions (temperature and humidity) can also affect color. Diluting the material by 10-20% and feathering the material helps minimize the visibility of the touch up.

Q13: *What type of testing has Sto done with Tilt-up construction?*

A13: Lotusan has been tested extensively over cementitious substrates. We have conducted adhesion testing and extensive accelerated weathering tests of Lotusan over cementitious substrates. For new construction, we highly recommend Sto Hot Prime, which has been found to be compatible with Lotusan.