



StoCoat[®] Lotusan[®] Frequently Asked Questions

Q1: What type of coating (paint) is StoCoat 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 water repellent characteristic of the Lotusan coating (paint). It allows buildings to stay clean and dry when coated with Lotusan. The Lotus-Effect is not immediate and requires up to 30 days of weathering after it is applied to develop. Lotus-Effect develops with aging and environmental conditions.

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

A3: The Lotus-Effect generally improves with age. The oldest jobs in Germany are 10 years old and are still showing the Lotus-Effect.

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

A4: StoCoat Lotusan can be applied over pre-painted or primed wood substrates but not over metal surfaces.

Q5: Is Lotusan an elastomeric?

A5: No, Lotusan is an acylic. 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.

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 applications up to 5% dilution with water (40 ounces [1.2 L]) is permissible. The amount of water to add is proportional to the amount of colorant - darker colors use less water, lighter colors use more water. Add water in increments to increase flow and facilitate spraying. DO NOT EXCEED MAXIMUM ALLOWABLE WATER ADDITION.

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.

Q14: Can Lotusan be used for interior applications?

A 14: No, Lotusan is intended for exterior applications only since the coating requires exposure to the elements (UV, rain etc.) to develop and maintain the Lotus-Effect.