



FLUIDSEALR™ LIQUID FLASHING FAQ

PRODUCT AND SYSTEM OVERVIEW

What is FluidSealR™ liquid flashing, and what does it do?

FluidSealR™ liquid flashing is a fluid-applied flashing and detailing product designed to help create continuous air and weather barrier performance at joints, transitions, penetrations, rough openings, and other areas in wall assemblies. When used with approved Owens Corning FOAMULAR® NGX® XPS insulation or Natural Polymers™ Natural-Therm Pro® spray polyurethane foam, it helps create a continuous air and weather barrier assembly. It should be used as part of a tested and approved assembly, not as a substitute for required wall design, drainage, flashing, or code compliance.

What makes liquid flashing different from flashing tape?

Liquid flashing is helpful at complex geometries, uneven surfaces, corners, fasteners, pipe penetrations, and irregular transitions where tapes may be difficult to cut, fold, terminate, or fully adhere, and with installers who are not familiar with tape flashing methods.

COMPATIBLE USES AND APPLICATIONS

Where is FluidSealR™ typically used?

Common applications include FOAMULAR® NGX® XPS board joints, sheathing transitions, rough openings, fastener heads where required by the detail, pipe and conduit penetrations, corners, and transitions between approved substrates. It may also be used to tack FOAMULAR® NGX® XPS in certain CMU or concrete wall systems, though it is not promoted as a general adhesive. See installation instructions and details for application requirements, including window and door manufacturer requirements where applicable.

APPLICATION AND INSTALLATION

How is FluidSealR™ applied?

FluidSealR™ is provided in a sausage packaging and dispensed using a sausage gun. Owens Corning will be selling Albion branded sausage guns. Other liquid options such as caulk tube cartridges and 1-gallon pails are not currently offered. The flashing can be spread by a number of tools such as squeegees,

spatulas, and short bristle brushes. Owens Corning will be offering squeegees to help support this as well. Regardless of the tool, the fluid should be spread or tooled to the required coverage, width, and thickness. The goal is to create a continuous membrane with no voids, pinholes, skips, or unbonded edges. Installers should use the tools and methods identified in the current Owens Corning installation instructions.

Does FluidSealR™ require mesh or reinforcing fabric?

Some liquid flashing products require reinforcement or a special fibered version of the product. FluidSealR™ does not require any reinforcement mesh or a special version of the product for the applications being recommended. Contact GETTECH@owenscorning.com if there are any applications outside of those covered in the installation instructions.

What surface conditions are acceptable?

Surfaces should be clean, sound, and free of loose material, frost, oil, dust, dirt, release agents, and other contaminants that could interfere with adhesion. Because FluidSealR™ moisture cures, it may be applied over slightly damp approved substrates, such as green concrete, but not over standing water, frost, ice, contaminated surfaces, or unsuitable substrates. Correct gaps, damaged substrate, unsupported edges, or excessive movement before application; when in doubt, complete an adhesion check or consult Owens Corning technical support.

What application temperature range should be used?

Use FluidSealR™ within the ambient and substrate temperature range listed in the current product literature. Temperature and humidity can affect workability, skin time, cure time, and adhesion. Cold, dry, or low-humidity conditions may slow curing, while warm conditions may reduce working time. In low-humidity environments, contact GETTECH@owenscorning.com for additional recommendations.

How thick should FluidSealR™ be applied, and how should coverage be estimated?

Apply FluidSealR™ to the required wet mil thickness, width, and coverage as stated in the install instructions. Some manufacturers publish coverage rates based on thicknesses that are difficult to achieve consistently in the field, which can make a product appear to go further than it will in practical use. For transparency,



Owens Corning provides coverage guidance based on realistic field-applied thickness to help customers order the right amount up front and avoid last-minute material shortages. The finished application should be continuous and opaque, with no thin spots, skips, or exposed edges. It is recommended that the estimator verify application rate through a mockup prior to placing a final order.

How long does FluidSealR™ take to cure, and how soon can it be exposed?

Cure time depends on application thickness, temperature, humidity, and substrate conditions. Under ideal conditions, the product should cure within 48 hours; because it moisture cures, incidental rain exposure shortly after installation should not affect performance. Use current Owens Corning product literature for official skin time, tack-free time, cure time, sequencing, and allowable exposure limits.

PERFORMANCE, DURABILITY, AND INSPECTION

How long can FluidSealR™ be exposed before cladding is installed?

Use current Owens Corning product literature for allowable UV and weather exposure limits, up to 1 year. FluidSealR™ should not be left exposed beyond the stated limits and should be protected by cladding or other approved wall components as required by the system design. Contact GETTECH@owenscorning.com for exposure concerns.

How should installation quality be inspected?

Inspect for continuous coverage, full contact with the substrate, proper overlap onto adjacent materials, adequate thickness, sealed terminations, and absence of voids, pinholes, cracks, contamination, or damaged areas. Any deficient areas should be repaired before the assembly is covered.

LIMITATIONS AND DESIGN CONSIDERATIONS

Can FluidSealR™ be used for flashing EZSheath™?

No. FluidSealR™ is not compatible with EZSheath™ at this time.

Can FluidSealR™ replace through-wall flashing or waterproofing?

No. FluidSealR™ should not be used as a substitute for required loaded through-wall flashing, drainage components, weeps, end dams, waterproofing, or other water-management details. It is a detailing and transition material within a complete wall system and should be used with proper shingling, lapping, and drainage design. It should not be used below grade, in continuous immersion, or where hydrostatic pressure is expected.

Is FluidSealR™ a structural adhesive or structural sealant?

FluidSealR™ should not be used as a structural adhesive, structural

sealant, or load-bearing connection. It has been tested to adhere FOAMULAR® NGX® XPS insulation to CMU and concrete walls for air barrier cycling so it may be acceptable as a way to “tack” FOAMULAR® NGX® XPS insulation in certain wall applications. Otherwise refer to the FOAMULAR® NGX® XPS insulation installation instructions for recommended attachment methods. Contact GETTECH@owenscorning.com for more details.

STORAGE, HANDLING, AND JOB SITE QUESTIONS

How should FluidSealR™ be stored?

Store FluidSealR™ in its original, sealed packaging according to the temperature range and shelf-life requirements. Protect from damage, contamination, and conditions that could affect consistency or performance. Do not use expired or compromised material.

Is training available?

Yes, recommended training can be scheduled through the distribution supplier or the local Owens Corning FOAMULAR® NGX® or Natural Polymers™ representative. Contact GETTECH@owenscorning.com for more information.

How is uncured FluidSealR™ cleaned from tools or surfaces?

This product is not cleaned with soap and water. Use the cleanup method listed in safety data sheet. Cured material may require mechanical removal. Follow job site safety requirements and avoid solvents or cleaners that could damage FOAMULAR® NGX® XPS insulation or Natural Polymers™ Natural-Therm Pro® spray polyurethane foam, coatings, or adjacent substrates.

What safety precautions are required?

Review the current [safety data sheet](#) before use. Follow all personal protective equipment, ventilation, storage, disposal, and first-aid requirements. Installers should be trained on product handling and the approved details before field application begins.

SPECIFICATION AND SUPPORT

What documents and support resources are available?

Use this FAQ alongside the current [FluidSealR™ product data sheet](#), [installation instructions](#), [safety data sheet](#), approved system details, code evaluation reports where applicable, [warranty documents](#), guide specifications, and project-specific specifications. For specification language, see the Owens Corning FOAMULAR® NGX® air and weather barrier system with FluidSealR™ flashing guide or Natural Polymers™ Natural-Therm Pro® air and weather barrier system guide specifications. Contact an Owens Corning representative or GETTECH@owenscorning.com for project-specific questions, unusual substrates, compatibility, warranty requirements, or applications not covered in published instructions.