PROSOCO®

R·Guard®

AIR & WATER BARRIER

SureSpan EX®

R-Guard SureSpan EX® is a an extruded, elastomeric, pre-cured silicone material designed to help create flexible and durable transitions between various types of air and water barriers and the curtainwall, storefront, or window being installed. SureSpan EX® provides a continuous bridge between the window and/or curtainwall openings and the adjacent air and vapor barrier materials. SureSpan EX® is designed for high movement, dynamic joints which are too large to be spanned by R-Guard Joint & Seam Filler or R-Guard FastFlash®.

SureSpan EX® absorbs thermal movement and wind-loading stresses. The system spans and seals across irregular window geometries. SureSpan EX® is fully compatible with most window sealants and glazing materials.

R-Guard SureSpan EX® is bonded to substrates with R-Guard FastFlash®. SureSpan EX® is supplied in a translucent caution yellow to simplify inspection and quality control.

Common uses or areas of application for SureSpan EX® include:
- sealing expansion joints in new or remedial construction
- sealing leaky roofs, skylights or use as flashing
- window perimeter joint seals
- curtainwall seals
- metal building applications
- IG/window/door applications

SAFETY INFORMATION
Always read full label for precautionary instructions before use. Use appropriate safety equipment and job-site controls during application and handling.

ADVANTAGES
- Spans large or complex transitions with a durable, flexible, elastomeric seal
- Provides a continuous, airtight and water-tight transition
- Easy to install. No mechanical fasteners required
- Capable of sealing high movement joints
- Resistant to ultraviolet exposure and weathering
- Unaffected by most chemicals
- Superior tear resistance
- Color fast formulation
- Stays permanently flexible

Limitations
- Not for use below-grade
- Not for use in permanently exposed conditions
- Not intended for use as load-bearing, through-wall flashing
- Do not penetrate SureSpan EX® with any mechanical fasteners, staples, etc.

REGULATORY COMPLIANCE

VOC Compliance
R-Guard SureSpan EX® is not regulated under national, state and district VOC regulations.

TYPICAL TECHNICAL DATA

FORM	cured silicone rubber, odorless
SPECIFIC GRAVITY	1.20 @ 25C
VOC CONTENT	not regulated
SHELF LIFE	not applicable

Product Data Sheet
R-Guard SureSpan EX®

PREPARATION

SureSpan EX® must be bonded to clean surfaces with R-Guard FastFlash®. Conduct testing to confirm satisfactory bond.

Clean porous surfaces with a stiff brush or dry, oil-free compressed air. Mechanical abrasion may be necessary to remove surface contaminants that may interfere with proper application and bonding. If these steps are not sufficient to prepare the surface, contact PROSOCO Customer Care at 800-255-4255 for information on suitable surface preparation cleaners.

If the surfaces are cleaned with pressurized water, use caution to prevent water from entering the open joint to be sealed. Ensure that all cleaning agents are completely removed and surfaces are allowed to dry before application of R-Guard FastFlash®.

Clean non-porous surfaces with isopropyl alcohol using a two-cloth method.

Masking tape may be applied in areas of high visibility or difficult applications to ensure good appearance.

Surface & Air Temperatures

Substrate and temperature conditions should be 40°F (4°C) and rising and below 110°F (43°C) during application and drying.

Equipment

Caulking gun for sealant. Razor knife for cutting SureSpan EX®, as needed. Wooden roller for compressing SureSpan EX® into R-Guard FastFlash®.

Storage and Handling

Store in a cool, dry place. Maintain temperature of 45–100°F (7–38°C). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

APPLICATION

Before use, read "Preparation" and all Safety Information.

ALWAYS TEST each surface for suitability, and desired adhesion results before overall application. Use the following application instructions. Let surface dry thoroughly before inspection and approval.

Packaging

Use as packaged. Do not use for applications other than specified.

Rolls
- 3 inches x 100 feet
- 6 inches x 100 feet
- 9 inches x 100 feet
- 12 inches x 75 feet

Corners
- 4 inch outside corner, 50 per case
- 4 inch inside corner, 50 per case
- 6 inch outside corner, 50 per case

Application Instructions

SureSpan EX® should not be installed using mechanical fasteners.

1. Apply a bead of R-Guard FastFlash® in a straight line near the outside edges of the area to be covered by SureSpan EX®. If installed over a protrusion, such as a fastener, apply a small amount of sealant on the protrusion to eliminate chaffing during movement. The beads should be approximately 1/8 to 1/4 inch in diameter, depending on the uniformity of the substrate. Allow enough space for the FastFlash® to squeeze out to the edge of the SureSpan EX® and then stop. Non porous surfaces such as glass or aluminum require less sealant; porous substrates such as brick or stone require more.

2. Unroll the appropriate length of SureSpan EX® and place it over the joint to be sealed. Within 2–3 minutes, embed SureSpan EX® into the still-wet FastFlash®. Use a wooden roller or flat piece of wood to press the extrusion firmly into place and ensure full and continuous contact between the SureSpan EX®, FastFlash® and the substrate.

3. Clean or tool any excess FastFlash® from the edges of the extrusion and substrate. Trim ends and terminate with a bead of FastFlash®. Always apply horizontal joints before vertical joints. At intersections simply overlap the vertical SureSpan EX® over the horizontal and ensure a proper seal by applying sufficient FastFlash®.

Cleanup

Carefully remove any masking tape and excess sealant FastFlash® before it cures. Remove any additional FastFlash® from adjacent surfaces or from the face of the SureSpan EX® using isopropyl alcohol, mineral spirits or similar solvent.

Maintenance

No maintenance should be necessary. The surface can be cleaned with soap and water. If SureSpan EX® is damaged, replace the damaged section in accordance with the specified methods. Repairs to small penetration can be achieved using a small amount of FastFlash®.

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose**. The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care – technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our website at www.prosoco.com, for the name of the PROSOCO representative in your area.

BEST PRACTICES

SureSpan EX® comes in a translucent safety yellow for ease of inspection and identification on the job site.

Prime raw gypsum board edges with R-Guard PorousPrep where FastFlash® may make contact.

When using FastFlash® to install SureSpan EX®, consider the following:

Hot Weather Precautions: If air or surface temperature exceed 95°F (35°C), apply FastFlash® to shaded surfaces and before daytime air and surface temperatures reach their peak. Hot surfaces may be cooled with a mist of fresh water. Keep containers closed and out of direct sunlight when not in use.

Cold Weather Conditions: FastFlash® may be applied to frost-free substrates at temperatures below 32°F (0°C). Product will not start curing and drying until temperature rises to and remains above 32°F (0°C).

Low Humidity Conditions: Curing of FastFlash® may take longer than 12 hours. Lightly misting treated surfaces with fresh water will accelerate curing of FastFlash®. Uncured material may delay construction.

When using SureSpan EX®, apply 1/8 to 1/4 inch beads of FastFlash® to the substrate at contact points on either side of the joint to be bridged. While FastFlash® is still wet, embed SureSpan EX® into the FastFlash® and compress material as needed with a wooden roller. If SureSpan EX® is to be installed over a fastener or some other protrusion, apply a small amount of sealant over said protrusion to protect against chaffing.

Always apply horizontal joints before vertical joints. At intersections, overlap the vertical Surespan EX® onto the horizontal and ensure a proper seal.

Common installation guidelines depicting use of PROSOCO R-Guard® products are available at www.prosoco.com by downloading the R-Guard Installation Guidelines.

To schedule field technical support, contact your PROSOCO Technical Customer Care at 800-255-4255. Field visits by PROSOCO personnel are for the purpose of making technical recommendations only. **PROSOCO is not responsible for providing job-site supervision or quality control**. Proper application is the responsibility of the applicator.