

Dow Corning® Silicone Transition System

Flexible, durable sealing solution to span moving joints



Features/Benefits

- Provides high-movement seal capability at transitions
- Mechanical fastening is not required
- Install with fully compatible Dow Corning® brand silicone sealants
- Textured edges to maximize sealant adhesion
- Continuous, airtight transition
- Superior tear resistance (200 ppi)
- Made translucent for quality assurance on seal application
- In-shop or on-site installation
- Molded inside and outside corners available
- Transition strip available in widths from 4" to 12"

Dow Corning® Silicone Transition System is a flexible, durable suite of silicone materials designed to help you create flexible transitions between various types of air and water barriers and the curtainwall, storefront, or window being installed. The system has been proven to provide superior air infiltration, water penetration and performance due to the excellent adhesion capacity of Dow Corning specialty sealants.

Typical Properties

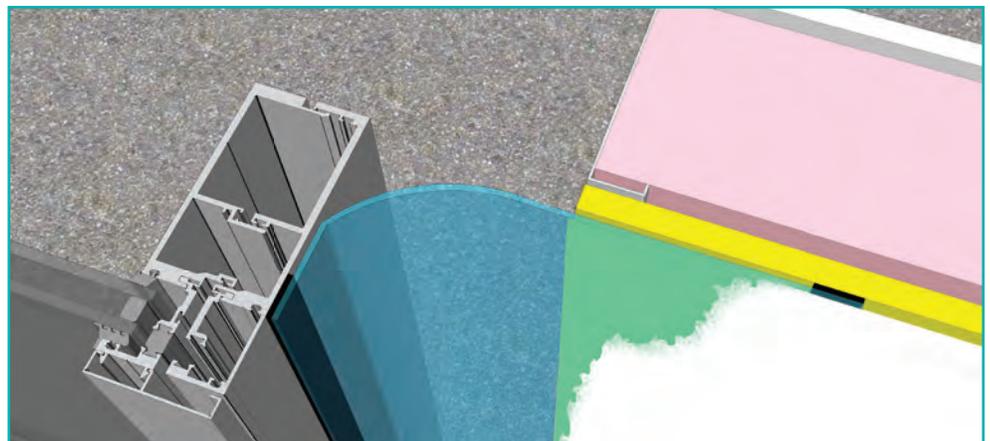
Cured Rubber Strip Extrusion

Test ¹	Property	Unit	Result
ASTM D412	Durometer Hardness, Shore A	points	53
ASTM D412	Tensile Strength	psi (MPa)	800 (5.5)
ASTM D412	Elongation	percent	400
ASTM D624	Tear Strength, Die B	ppi (kN/m)	200 (35)
ASTM C791	Adhesion of Dow Corning® Construction Sealants to Strip	pli	>20
ASTM C719	Movement Capability	percent	+200/-75

Cured Molded Corner

Test ¹	Property	Unit	Result
ASTM D412	Tensile Strength	psi (MPa)	1200 (8.3)
ASTM D412	Elongation	percent	340
ASTM D624	Tear Strength, Die B	ppi (kN/m)	90 (16)

¹Dow Corning has completed system testing of a curtain wall installed with Dow Corning® Silicone Transition Strip, adhered with Dow Corning® 758 Silicone Weather Barrier Sealant to a polyethylene faced self-adhered membrane with excellent results: <0.01 cfm per ASTM E-283. Additionally there was no water leakage per ASTM E331.



Limitations

Dow Corning[®] Silicone Transition Strip is not intended for use:

- With *Dow Corning*[®] 790 Silicone Building Sealant as an adhesive
- With non-*Dow Corning*[®] sealants or acetoxycure silicone sealants as the bonding sealant
- In below-grade applications

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health and Environmental Information

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our Web site, dowcorning.com, or consult your local Dow Corning representative.

Contact us

Dow Corning is collaborating with industry professionals around the world to develop solutions to improve the energy efficiency of buildings, reduce the eco-footprint of construction materials, and improve the health and safety of building occupants. Learn more about *Dow Corning*[®] Silicone Transition Strip and our full range of High Performance Building Solutions, including service and support, at BuildaBetterBarrier.com.

Dow Corning has sales offices, manufacturing sites, and science and technology laboratories around the globe. Find local contact information at dowcorning.com/ContactUs.

Images: AV 20411

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment. Please contact your local Dow Corning representative for information related to a limited warranty for *Dow Corning*[®] DefendAir 200.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Dow Corning is a registered trademark of Dow Corning Corporation.

We help you invent the future. is a trademark of Dow Corning Corporation.

Build a Better Barrier is a trademark of Dow Corning Corporation.

©2013, 2014 Dow Corning Corporation. All rights reserved.

Printed in USA

BB102014

Form No. 63-6153-01

DOW CORNING

We help you invent the future.[™]