

DOWSIL™ 778 Silicone Liquid Flashing

Trowel-applied compound with long open time for adurable weatherproofing seal at building penetrations and complex transitions

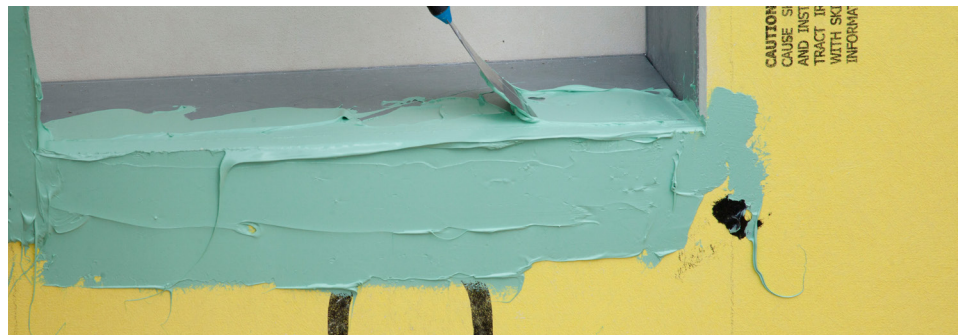
Features/Benefits

- Compatible with DOWSIL™ Silicone Air Barrier System
- Compatible with other weather barrier types including self-adhering and liquid applied membranes
- Long tooling time to facilitate workflow when prepping a whole window opening
- High durometer for abrasion resistance
- No primer required over cut edge gypsum board
- Simple two-step installation process
- Durable, flexible silicone chemistry
- Long-term UV resistance
- Application down to -20°F

DOWSIL™ 778 Silicone Liquid Flashing provides a weatherproof seal at window and door openings, as well as other building transitions. Extended tooling time, primerless adhesion to cut sheathing edges and rugged cured properties make DOWSIL™ 778 Silicone Liquid Flashing an ideal choice for general purpose sealing requirements for transition details behind the exterior facade. As a fluid applied flashing, DOWSIL™ 778 Silicone Liquid Flashing is easier to use than non-fluid alternatives when sealing difficult details.

DOWSIL™ 778 Silicone Liquid Flashing is also part of the DOWSIL™ Silicone Air Barrier System. With full silicone compatibility, DEFENDAIR™ 200C Air and Weather Barrier Coating may be applied over or beneath DOWSIL™ 778 Silicone Liquid Flashing for a continuous air and weather barrier.

When weatherproofing a building, builders won't leave through-wall details to chance when using DOWSIL™ 778 Silicone Liquid Flashing.



DOWSIL™ 778 Silicone Liquid Flashing is fast and easy to apply.

Typical Properties⁽¹⁾

| Test* | Property | Unit | Result |
|------------|--|---------|--------|
| ASTM C661 | Durometer hardness, shore A | points | 40 |
| CTM 98 | Working time | minutes | 30 |
| ASTM D412 | Tensile strength, ultimate | psi | 210 |
| ASTM D412 | Elongation | % | 250 |
| ASTM C794 | Peel strength | pli | >15 |
| ASTM C719 | Joint movement capability | % | 25 |
| ASTM D4541 | Adhesion to gypsum based sheathing, plywood, OSB, metals | psi | >16 |
| ASTM D2202 | Flow, sag or slump | — | nil |

⁽¹⁾Applied at 20mil

*ASTM: American Society for Testing and Materials

CTM: Corporate Test Method, copies of which are available on request

Note: These values are not intended for use in preparing specifications. Please contact your local Dow sales office or your Global Dow Connection before writing specifications on this product.

Contact Us


Dow 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 DOWSIL™ 778 Silicone Liquid Flashing and our full range of Building and Construction Solutions, including service and support, at **BuildaBetterBarrier.com**.

Dow has sales offices, manufacturing sites and science and technology laboratories around the globe. Find local contact information at **www.dow.com/contactus**.



Dow Building Science website:

dow.com/buildingscience

 **Visit us on X**
@DowBScience



Contact Dow Building Science:

dow.com/customersupport

 **Visit us on LinkedIn**
Dow Building Science

Images: dow_40610006136

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

Users of this manual acknowledge and agree that Dow is not providing architectural, engineering or other professional services, and Dow assumes no responsibility for, and users of this manual are not relying on Dow for, any design, specifications, windload requirements, materials, samples, design elements, or testing of any design components, including the adequacy or completeness of the same, supplied or used by any warranty recipients or users of Dow products or services. Dow will only warrant products as set forth in a separate executed Dow warranty.

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

© 2024 The Dow Chemical Company. All rights reserved.

2000024823-7022

Form No. 63-6168-01-0424 S2D