

---

### PRODUCT DESCRIPTION

ImmerSeal® HD is a high strength, low modulus, elastomeric, pre-cured silicone sealant that is used to span gaps and create a watertight seal in a variety of applications, particularly those where puncture and tearing resistance is needed. ImmerSeal HD is bonded to substrates using a premium adhesive silicone, ImmerBond®, which has been designed specifically for this purpose.

---

### BASIC USES

ImmerSeal HD is used to achieve permanent, watertight sealing solutions in applications where a high-strength sealant is required. It has been formulated to have excellent resistance to punctures and tearing. ImmerSeal HD can be used in applications such as:

- Expansion joint seals (new and remedial construction)
- Window system seals
- Window perimeter joint seals
- Curtainwall seals
- Metal building applications
- Roofing seals
- Shipping container seals

---

### FEATURES & BENEFITS

ImmerSeal HD offers high flexibility and movement capability plus tear and puncture resistance, providing a long lasting, reliable seal. Due to its low modulus, ImmerSeal HD is capable of bending around corners and conforming to different shapes. In addition, the high strength, UV-resistant nature of ImmerSeal HD makes it ideally suited for roofing and other external horizontal applications.

- Non-corrosive and corrosion resistant
- Color fast formulation
- Resistant to UV exposure and weathering

ImmerSeal HD is an easy-to-install product with a wide operational temperature range, allowing for use in both cold weather and high temperature applications. ImmerBond provides a high green strength, allowing ImmerSeal HD to be installed in both vertical and horizontal applications without any other fasteners or adhesives required. The ease of installation allows for lower labor costs and faster turnaround times.

---

### AVAILABILITY

ImmerSeal HD is readily available in a variety of colors and sizes. Custom sizes and/or geometries are available upon request. Please contact your local Tremco Sales Representative or Tremco Technical Services for assistance. Lead times, MOQs, and costs will vary based on the request.

Standard sizes are 3", 4", 6", 7", 8", 9", 10", and 12". The standard thickness is 0.078" (2 mm). Custom widths and thicknesses are available upon request. Not all size/color options are held in stock. Please contact your local Tremco Sales Representative or Tremco Technical Services for more information.

ImmerSeal HD is packaged in 100 ft rolls for sizes up to 9" wide and in 75 ft rolls for sizes 10" and wider.

---

### COLORS

Available in Gray, White, and Translucent. Custom color matching is available. Please contact your local Tremco Sales Representative or Tremco Customer Service Representative for assistance. Lead times, MOQs, and costs will vary based on the request.

## LIMITATIONS

ImmerSeal HD pre-cured silicone sealant is not recommended for use under the following conditions:

- Below grade or below water line applications.
- Joints where significant physical abrasion may occur, such as vehicular traffic or foot traffic joints.
- In association with building materials that bleed oils, plasticizers or other materials.
- Should not be bonded with low modulus silicone sealant.

## WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

## TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Hardness (Shore A)	ASTM D2240	50 to 65
Tensile Strength	ASTM D412	525 psi (3.6 MPa)
Tear Strength	ASTM D624 (Die B)	150 lb/in (26.2 N/mm)
Elongation at Break	ASTM D412	200%
Joint Movement Capability	ASTM C1518, ASTM C1523	100% Elongation, 75% Compression
Operational Temperature		-60 to 300 °F (-50 to 150 °C)
UV Resistance		Unaffected
Ozone Resistance		Unaffected
Radiation Resistance		Unaffected, Easily Decontaminated

Please refer to our website at [www.tremcosealants.com](http://www.tremcosealants.com) for the most up-to-date Product Data Sheets.

**NOTE:** All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

IMSEALHD/1124

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



[tremcosealants.com](http://tremcosealants.com) | 800.321.7906



Construction Products Group

3735 Green Rd. | Beachwood, OH 44122  
800.321.7906 | [tremcocpg.com](http://tremcocpg.com)