



**FOR DOORS,
WINDOWS, SIDING,
MOLDINGS & MORE**

PREMIUM ALL WEATHER SEALANT

MIGHTY SEAL™



- ✓ **PAINTABLE**
- ✓ **EARLY RESISTANCE TO RAIN**
- ✓ **SPANS UP TO 2" IN PROPERLY
DESIGNED JOINTS**
- ✓ **800% ELONGATION**

MIGHTY SEAL™



Mighty Seal™ will adhere to most substrates, including doors, windows, siding, trim, sinks, counters, crown molding, stucco, flashing, hardboard, and EIFS. **Mighty Seal™** can be applied to: masonry, wood, glass, brick, metal, marble, concrete, porcelain and ceramic tile. **Mighty Seal™** is durable and has superior adhesion with 800% elongation. It forms a flexible, airtight, water resistant seal offering exceptional protection from weather. Once cured the bead is mildew resistant and exceeds the requirements of Fed. Spec. TTS-00230C, Type S, Class A; ASTM C-920, Grade NS, Class 25, & ASTM C-834 type OP, Grade -18°C, & AAMA 808.3.



APPLICATION

1. Decide what size bead of caulk is needed for your job. Keeping in mind the size bead needed, cut nozzle at a 45° angle. When applying caulk, pull the caulking gun towards you rather than pushing it away. Cured bead should be between 1/8" to 1/2". Use a closed cell foam backer rod or bond breaker tape for joints that exceed 1/2" in depth to avoid 3 point adhesion.

2. Smooth bead with a moistened cloth.

3. Clean up uncured material and tools with soap and water.

4. Allow 4 to 6 hours curing time before applying paint. Compatible with most coatings such as acrylics, elastomeric coatings and oil based paint. See back panel for additional information. **Mighty Seal™ is not formulated for use on pools, roofs, or areas subject to vehicular or heavy foot traffic.** For roof applications, use Flexible Seal (more information available at www.flexibleseal.com).

* Clear applies milky white and will clear up over 3 days.

**NOT INTENDED FOR AREAS THAT WILL BE SUBMERGED IN WATER.
NOT FOR FOOD CONTACT SURFACES.**

** Refer to Technical Data Sheet available online at www.flexibleseal.com for more information

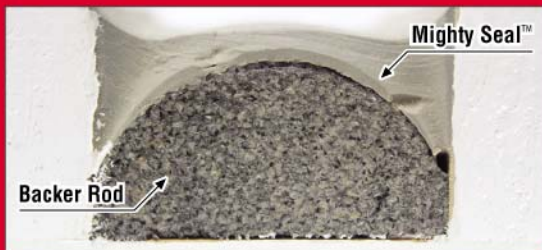
USEFUL TIPS

HOW TO PROPERLY PREPARE GAPS/JOINTS

- ✓ Surface to be sealed should be free of dirt, grease, oils, etc.
- ✓ Any loose material or old caulking should be removed prior to using **Mighty Seal™**



- ✓ For gaps larger than 1/2" and up to 2", use a closed cell foam backer rod or bond breaker tape.



- ✓ Smooth bead with a moistened cloth or foam brush for a "neat" appearance.
- ✓ As material dries, a slight concave may appear. This is due to normal shrinkage and a level surface can be obtained with multiple applications.

CLEANUP & STORAGE

- ✓ **Mighty Seal™** can be easily cleaned up with soap and water.
- ✓ Cover opened tubes of **Mighty Seal™** tightly with clear plastic wrap. Make sure tube is tightly sealed, if exposed to air, **Mighty Seal™** will start curing.
- ✓ Store tubes of **Mighty Seal™** in a cool, dry place. Avoid high moisture and temperature extremes.

KEEP TUBES FROM FREEZING

FAQ

Why use Mighty Seal™?

Mighty Seal™ is a single component, high performance, gungrade, acrylic urethane elastomeric sealant. Formulated with premium technology, it reduces dirt pickup, eliminates yellowing and “shiners.” It requires no priming to bond to most materials, including concrete, wood and masonry. It has superior adhesion and durability, 50% total joint movement and 800% elongation. Mighty Seal™ forms an airtight, water resistant seal, and once cured, the bead is mildew resistant. Mighty Seal™ has excellent UV resistance and will not discolor.

Is Mighty Seal™ paintable or stainable?

Yes, it may be painted after the product has been allowed to cure for 4 to 6 hours. This is a significant advantage over other chemistries, particularly silicone and many polyurethanes. It is compatible with most water based coatings & paints such as acrylics, elastomeric coatings & oil based paints. When using semi-transparent/solid stains or oil based paints, always test in a small inconspicuous area.

What is the VOC for Mighty Seal™?

It contains <1.5% VOCs; CARB and SCAQMD compliant.

What is the service temperature range of Mighty Seal™ after cure?

The service temperature range after cure is -40°F to 180°F.

What is the maximum surface temperature for applying Mighty Seal™?

It is not recommended to apply Mighty Seal™ when surface temperature is above 120°F.

What conditions are needed for application of Mighty Seal™?

The surface must be clean and dry. Remove all contaminants (dirt, dust, oil, mildew, loose paint, old caulk). Only apply when surface and air temperatures will remain above 40°F. Do not apply on surfaces that are above 120°F. Do not apply on exterior surfaces when rain is immediately expected.

PERFORMANCE

Exceeds the following:

- ✓ ASTM C-920 Grade NS Class 25
- ✓ ASTM C-834 Type OP Grade -182C
- ✓ Fed Spec TTS-00230C, Type S Class A
- ✓ AAMA 808.3

ADHESION

Substrate	Value (PLI)
Steel	40
Glass	30
Aluminum	33
ASTM Cement	30
Vinyl	15
White Shelving	5
Pine	28
Pressure Treated Lumber	18
Wood	50
Cedar (Rough Sawn)	18
Cedar (Smooth)	40
Galvanized Steel	40

VOC (less exempt solvents): <1.5%

Size: Plastic Tube 10.1 fl. oz. (299 ml)

Coverage: 1/8" bead = 123.5 linear feet, 3/16" = 53 linear feet, 1/4" = 31 linear feet, 1/2" = 7.74 linear feet

Elongation: 800%

Dynamic Joint Movement (approx.): ± 25% (10 cycles @ -15)

Freeze/Thaw: 10 cycles @ 0°F

Total Joint Movement: 50%

Service Range: -40° - 180°F

Application Range: >40°F

Surface Temperature: <120°F

Tensile Properties Cured Sample: Shore "A" Hardness 16-20 after 21 day cure.

Maximum Stress (psi): 152 ± 5

Elongation to break: 1000% ± 44

Solids by Weight: Clear 69%, Colors 60%

Tensile Properties: 50% stretch recovered approximately 100% in less than 1 minute; 100% stretch recovered approximately 100% in less than 1 minute

LIMITED WARRANTY: Epmar warrants that this product, provided it is properly stored and applied, will never crack, peel, or separate. If a failure occurs, return proof of purchase for replacement. Manufacturer shall not be held liable for damages in excess of the purchase price. This is the sole and exclusive remedy and liability for defects or failure of this product.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES WRITTEN OR ORAL, STATUTORY, EXPRESSED OR IMPLIED; INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS.

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