



BEHR WEATHERSTRONG™ ADVANCED HYBRID SEALANT

NO. BS40

PRODUCT INFORMATION

BEHR WEATHERSTRONG™ is a high performance hybrid sealant that provides superior stretch and durability on most difficult substrates. This UV-resistant formula can be applied in both wet and dry conditions and can seal active leaks up to 1/4" size.

RECOMMENDED USES:

Use on properly prepared interior or exterior surfaces to seal connection joints such as:

- Baseboards
- Window Frames
- Door Frames
- Trim
- Molding
- Siding
- Stairs
- Skirtings
- Window Sills
- Corner Joints
- Pipes
- Vents

Use for transitional seal between building materials:

- Wood
- Drywall/Gypsum Board
- Plaster
- Brick
- Concrete
- Fiber Cement
- Fiber Cement
- Most Metals
- Stone
- Glass
- Vinyl
- Kynar-coated Metals
- Bonderized Metal
- Galvalume
- Other Common Building Materials

FEATURES & BENEFITS:

- All-weather application; wet surface/in-rain application
- Strong bond to difficult substrates
- Weatherproof & waterproof
- Exceptional flexibility
- Paint-ready in 1 hour
- Consistent flow/no air pops
- Won't shine through or discolor paint
- Easy gunning and smooth tooling
- Reduced dirt pick-up
- Non-yellowing
- Asphalt-compatible

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:

No. 5000 Deep Base 116 fl oz / 14 fl oz

Product No./Packaging/Color:

BS40 / 9.5 fl oz cartridge / White

Base Polymer: Silyl Modified Polyether

Density: 13.7 lb/gal

VOC: < 20 g/L

Flash Point: ≥ 284°F

COVERAGE CHART:

Coverage will vary depending upon joint size. Approximate coverage for a 10.1 fl oz cartridge is 55 linear feet with a 3/16" bead.

DEPTH	WIDTH		
	3/16"	1/4"	3/8"
3/16"	55		
1/4"		32	
3/8"			13.5

Linear feet per 9.5 fl oz cartridge

APPLICATION:

- Using proper safety precautions, cut the tip at a 45° angle to desired bead size.
- Apply with conventional hand or air-powered caulking equipment in a continuous operation with adequate pressure to fill the joint to the proper width and depth (do not overfill the joint).
- Gun sealant into void to provide a solid fill.
- Use backer rod for gaps larger than 1/2" x 1/2".
- Smooth the sealant before the skin forms using a dry tool with a concave profile. Do not use water or soapy water for this operation.
- Allow 1 hour for sealant skin to form before painting with a brush/roller, or spray paint immediately.
- Excess dried sealant must be cut or scraped away.
- Reseal cartridge for storage and reuse.

Dry Time: 77°F & 50% RH

Longer dry time required in cooler temperatures and in higher humidity.

Tooling Time (Working Time): 10 minutes

Skinning Time: 1 hour

Paint-Ready Time:

with spray - immediately

with brush/roller - 1 hour

Water-Ready Time: immediately

Full Cure: 3 - 4 days

SURFACE PREPARATION:

All surfaces must be clean and free of dust, chalk, oil, grease, wax, polish, mold and mildew stains, rust, loose material and all other foreign substances.

COMPLIES WITH THE BELOW AS OF 4/1/2021	
SCAQMD Rule 1168	YES
CARB	YES
OTC	YES
EPA	YES
ASTM C920, Type S, Grade NS, Class 50, Use T, NT, G, A	YES
AAMA 713-10 YES	YES
AAMA 803.3-10 YES	YES
US Federal Specification TT-S-00230C	YES

CURED PERFORMANCE PROPERTIES:

Service Temperature Range	-15°F to 160°F
Shiners/Discoloration	NONE
Hardness Shore A ASTM C661	38
UV Resistance ASTM C793	Pass
Modulus @ 100% Elongation ASTM D412	70 psi
Tensile Strength @ Break ASTM C794	180 psi
Elongation @ Break ASTM D412	950%
Adhesion Peel ASTM C794	> 35 lb/in
Joint Movement Capability ASTM C719	± 50%
Coating Compatibility	Water-Based Paints
Cracking and Chalking Resistance ASTM C792	Pass

CLEAN-UP & DISPOSAL:

Clean tools, equipment and excess uncured material with mineral spirits, solvent or cleaning wipes. For disposal of empty containers, unused product and soiled rags, contact your household refuse collection service.



BEHR WEATHERSTRONG™ ADVANCED HYBRID SEALANT

NO. BS40

CAUTIONS/LIMITATIONS:

- Store container in a cool, dry place away from extreme heat or cold. Protect from freezing.
- BEHR WEATHERSTRONG is a moisture cure sealant. On wood, with ambient air at 50% relative humidity and at 77°F, Silyl Modified Polyether (SMP) sealants will generally skin in less than one hour and cure 1/16 of an inch per day. Lower temperature and lower relative humidity will significantly increase the skin time and cure time of an SMP sealant.
- Dampness and substrates with high moisture will trigger extensive curing of the sealant within a very short period of time.
- Do not use for sealing narrow joints, fillet joints and nail face holes.
- Not recommended for glazing applications. Bond line strength can be affected by UV rays through the clear material (glass, acrylic glass, polycarbonate, etc.).
- Not recommended for horizontal joints or traffic-bearing joints where abrasion resistance is required (walkways, driveways, runways, etc.).
- Not intended for underwater applications, such as pools, fountains and boats.
- Not suitable for continuous exposure to water. When fully cured avoid exposure, even incidental, to fuels, chlorinated, acid and alkaline solutions.
- During the curing of BEHR WINDOW & TRIM, do not expose to alcohol, acids or solvent-based materials.
- Until the sealant is fully cured, do not expose the sealant to any mechanical stress. Uncured sealant will not respond properly to cyclic expansion and contraction of the joint specified for the cured sealant only.
- Porous substrates such as, but not limited to, marble, limestone and granite might absorb components of this product leading to staining or discoloration.
- For best results, apply at temperatures between 0°F – 140°F.
- Avoid air entrapment.
- Wash hands thoroughly after handling and before smoking and eating.
- Shelf life under normal conditions is 12 months unopened.

GENERAL INFORMATION:

CAUTION! IRRITANT. MAY IRRITATE EYES, SKIN, AND RESPIRATORY TRACT. CONTAINS LIMESTONE, N-[3-(TRIMETHYOXYSILYL) PROPYL]-1, 2-ETHANEDIAMINE, TIN, DIBUTYLBIS (2,4-PENTANEDIONATO-0,0')-, (OC-6-11)-, CRYSTALLINE SILICA AND TITANIUM DIOXIDE. METHANOL MAY FORM DURING CURING. Do not breathe fumes. Do not get in eyes, on skin or on clothing. Do not swallow. Handle with care. Use only in a well ventilated area or wear a respirator. Wear protective clothing including safety glasses and gloves. Wash thoroughly after handling. Store container in a cool, dry area.

FIRST AID TREATMENT: If in eyes or on skin, rinse with water for at least 15 minutes. If on clothes, remove clothing. If inhaled, move person to fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

KEEP OUT OF REACH OF CHILDREN – DO NOT TAKE INTERNALLY

WARRANTY:

LIFETIME LIMITED WARRANTY

Behr Process Corporation warrants to you, the original residential consumer purchaser, the performance of this product as described on this label for so long as you reside in your home. THIS WARRANTY IS NOT VALID WHEN THE PRODUCT IS NOT PROPERLY APPLIED TO A PROPERLY PREPARED SURFACE OR CARED FOR IN ACCORDANCE WITH THE LABEL DIRECTIONS. THIS WARRANTY EXCLUDES WATER INTRUSION DUE TO STRUCTURAL DEFECTS AND/OR CAULK AND SEALANT FAILURE. This warranty is not transferable. If this product is found not to perform as specified on the label during the warranty period, Behr Process Corporation will, at its option and upon presentation of proof-of-purchase (the original receipt), either furnish an equivalent amount of new product or refund the original purchase price of this product to you. **This warranty excludes (1) labor and costs of labor for the application or removal of any product, and (2) any incidental or consequential damages, whether based on breach of express or implied warranty, negligence, strict liability or any other legal theory.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. **To obtain warranty service, call 1-800-854-0133.** Behr Process Corporation reserves the right to inspect any and all application of the product prior to processing your claim made under this warranty.

