

Kraken Bond Introduces AeroSeal Gasket Foam for Drywall Air Sealing

November 12, 2026

CHANTILLY, VA - November 12, 2026 -

Kraken Bond, a Chantilly, Virginia-based manufacturer of chemical solutions for the construction and industrial sectors, announced the availability of AeroSeal Gasket Foam for Drywall & Framing (SF 404). The 14 oz, one-component polyurethane gun foam targets air leakage at the drywall-to-framing joint, a part of the building envelope that becomes concealed and inaccessible once the drywall is installed. The launch comes as builders finish interiors ahead of year-end final inspections.

The launch arrives as air-tightness requirements continue to shape residential construction. Under the 2021 International Energy Conservation Code published by the International Code Council, new homes must be tested for air leakage, and homes following the prescriptive path must achieve no more than 5 ACH50 in Climate Zones 0 through 2 and 3 ACH50 in Climate Zones 3 through 8 (Section R402.4.1.3). Code adoption varies by state and local jurisdiction. Blower door testing is typically conducted near the end of construction, after drywall is installed, which means leaks concealed behind wall finishes can be difficult and costly to correct if a home does not pass.

Leaks at top and bottom plates, wall-to-floor connections, wall-to-ceiling connections and stud-to-drywall seams are common air leakage paths in light-frame construction. A failed test can require remediation work and a retest, which delays project closeout for builders and renovation firms. Sealing these joints before drywall is hung addresses the paths while they remain accessible.

AeroSeal Gasket Foam uses a low-expansion formula intended to help prevent drywall bowing or distortion, with no shrinkage. The product features high elasticity that accommodates normal building movement and recovers after minor compression, and it is gun-applied for controlled bead placement. The foam becomes tack-free in about 7 minutes and fully cures in 24 hours, works with wood or metal studs, and provides supplemental thermal and sound insulation. It carries an application temperature range of 41 to 86 degrees Fahrenheit and an 18-month shelf life. The product is available in single cans and in multi-packs up to 48 cans for contractor volume purchasing.

The product is not a drywall adhesive, does not replace mechanical fasteners and is not intended for structural bonding. Kraken Bond notes that the foam may help support improved blower door test performance when used as part of a complete air-sealing system.

"The drywall-to-framing joint is one of the last chances to seal the envelope before it is covered and hidden for the life of the building," said a spokesperson for Kraken Bond. "A low-expansion formula matters here because it fills the gap without pushing against the drywall, which helps keep the surface flat and the seal continuous."

The product is directed at general contractors, framers, drywall installers, insulation contractors and small renovation firms working on new residential and light-frame construction. It is also suitable for renovation projects where walls are opened up. Additional product details are available through Kraken Bond on Facebook.

Kraken Bond manufactures and develops chemical solutions for the construction and industrial sectors, including spray foam insulation, sealants, adhesives and cleaners. The company supplies professionals and consumers across the United States with products designed for sealing, insulation and bonding applications. More information on its products can be found at krakenbond.net.

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For more information about Kraken Bond, contact the company here:Kraken BondKraken Bond(571) 445-5665hello@krakenbond.net13905 Willard Road, Chantilly, VA 20151, United States

Kraken Bond

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Website: https://krakenbond.net/

Email: hello@krakenbond.net

Phone: (571) 445-5665