



## Construction Joint Applications

T3 Building Solutions extend beyond window-to-wall transitions, offering securely sealed construction joints to prevent air and moisture infiltration through the building walls. Tremco's **illmod® 600** – a pre-compressed, self-expanding, flexible joint seal – helps extend the productive life of building exteriors by sealing out high winds, driving rain, sound, draft and dirt.

Comprised of polyurethane foam with a flame-retardant, modified acrylic resin and treated with a pressure-sensitive adhesive on one side, illmod® 600 is easy to install on all types of commercial construction. After positioning, the material expands to fill the void, creating a secure, weathertight seal. Since the product works under compression and does not rely on adhesion, no adhesion promoters or primers are required. It's non-staining, paintable and can be applied in all types of weather and temperature conditions.

With its grout-like appearance, illmod® 600 can be used as a replacement for traditional sealants. It can also be used in place of backer rod, topped with a compatible sealant in a "belt and suspenders" approach, providing a superior performing, dual-sealed joint.



### Typical applications

- Expansion joints between tilt-up panels in commercial structures, such as office buildings and distribution centers
- Joints in precast concrete, masonry, brick facades during construction of hospitals, schools and government buildings
- Connection points in Exterior Insulation and Finish Systems (EIFS)
- Between metal flashings, flashing to masonry, under sill pans and threshold plates or to fill exterior window flanges
- As a seal between metal roofing panels, under fascias and siding



### Promotes building longevity, safety and occupant comfort

- Driving rain-resistant up to 600 Pa, the equivalent of about a 70.9 mph wind
- Vapor permeability property ensures that moisture is not trapped inside the wall
- Zero VOC and UV stable
- Thermal protection and acoustical attributes
- Flame spread of 0 and Smoke Development rating of 5 as tested according to ASTM E84

### Weathertightness guarantee for the long term

Tremco's Construction Joint Weatherseal Warranty for illmod® 600, when used in conjunction with select high-performance silicone or urethane sealants from Tremco, ensures long-term protection against air and moisture infiltration.

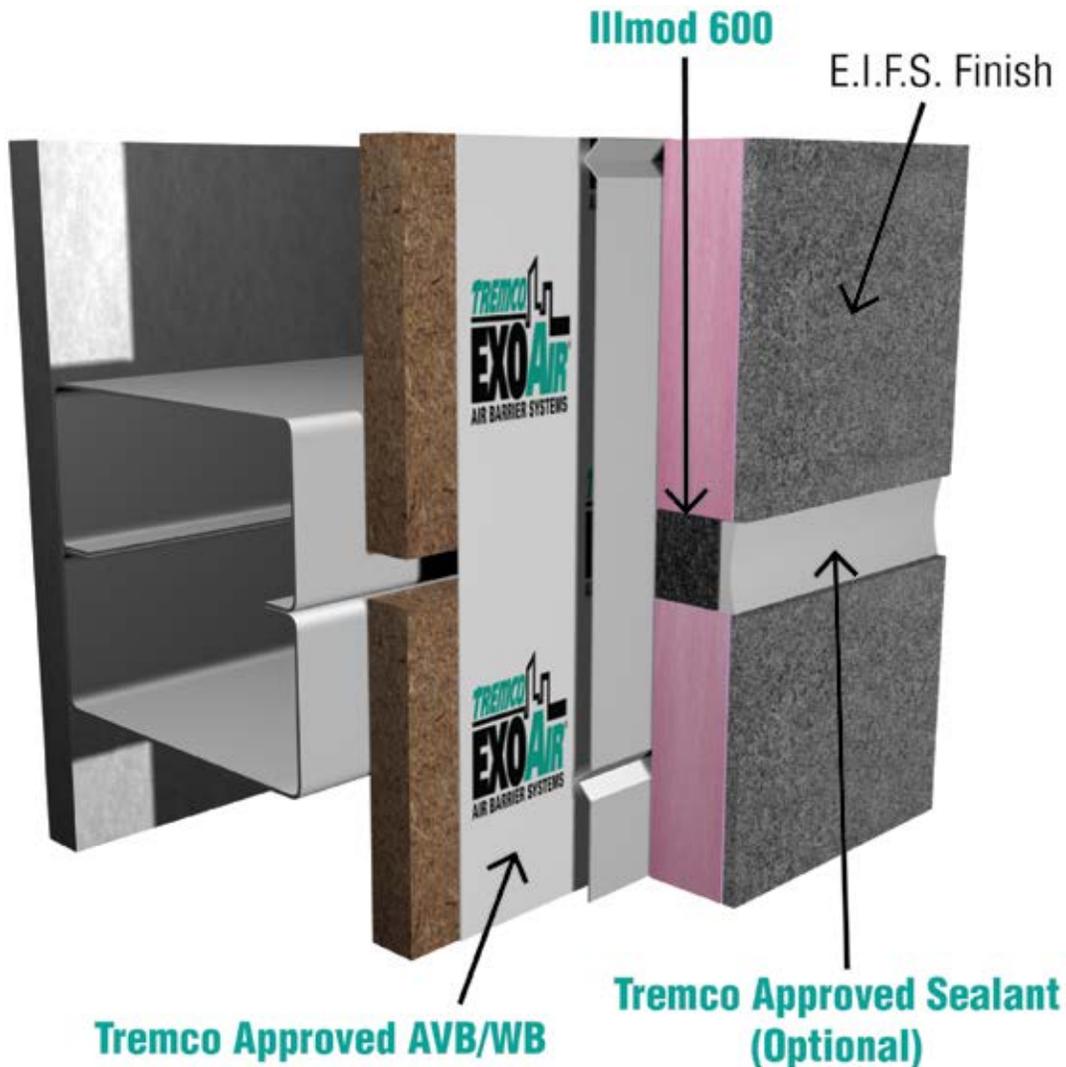
## Connectivity Options

T3 Solutions address virtually any vertical construction joint challenge. Below is an example of one for an EIFS application.

## TREMCO TECHNICAL SUPPORT

At Tremco, we understand the importance of evaluating each project, including overall building design, construction methods, window types, budget and other important deliverables expected by the owner, contractor and architect. Our knowledgeable sales and technical services representatives are available in every major market across the country to assist with product selection, specification development and review, detail drawings, on-site testing and installation advice.

### TYPICAL JOINT SEAL WITH ILLMOD® 600



**BENEFITS:** illmod® 600 seals against wind-driven rain, sound, draft and dirt. It is an exterior and interior seal impregnated with a flame-retardant, modified acrylic resin and treated with a pressure-sensitive adhesive on one side for easy installation. It is ideal for parallel joints. For added peace of mind, illmod® 600 can be paired with an appropriate sealant in a “belt and suspenders” approach to ensure there are no potential deficiencies that could compromise the building envelope by allowing air and moisture to enter.

Consult our website at [www.tremcosealants.com](http://www.tremcosealants.com) for the most up-to-date T3 Solutions product data sheets and installation instructions.