

**3M** Science.  
Applied to Life.™



3M™ Air Barrier Membranes and Flashing Solutions

# Meet construction challenges head on.

Protect your building with the help of  
3M acrylic adhesive technology.

**Let's Build Smarter.**

## Your biggest challenges demand the smartest solutions.

Energy efficiency is more important than ever. 30% of energy waste is caused by loss through the building envelope, and air tightness codes around the world are demanding a fix. We're here to help with solutions that protect better, last longer and install easier – so you can meet the standards that lead to energy savings. Our membranes and tapes use 3M acrylic adhesive technology to perform in the toughest conditions on the tightest deadlines – giving you faster installation with less labour and better results.



-18° to 80°C application temperature.



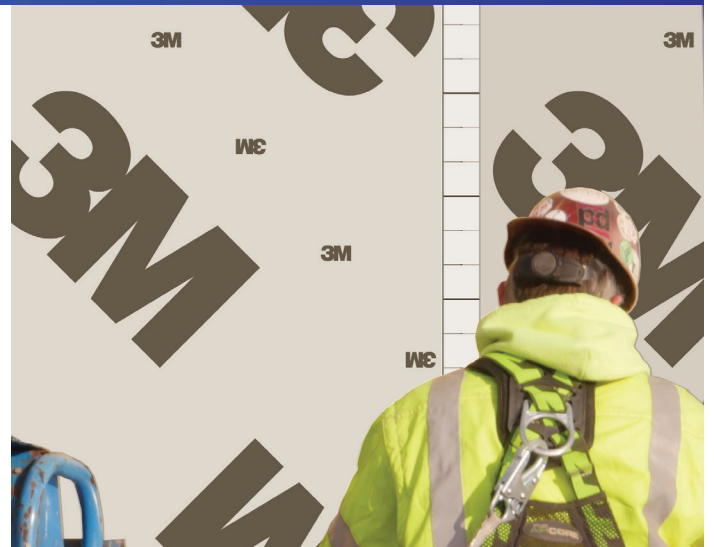
3M acrylic adhesive technology eliminates the need for primer.



Highly compatible with other materials.

## Compatible adhesives and backings built to work and last.

With project deadlines looming, you can't let your materials slow you down. 3M air barrier technology requires no primers or solvents so you save time and stay on schedule. Our products are also highly compatible and specifically tested with more than 50 building sealants and other construction materials, whether you need it to stick to something or something to stick to it.



## UV exposure won't let up and neither will you.

With facade installation sometimes delayed for months at a time, it's critical to ensure your building is enclosed and protected. Our products are specially formulated to withstand up to 12 months of UV exposure so your build can last in extreme conditions.

Let's Build Smarter.





## Weather extreme building conditions.

Time is money, and you can't stop a project just because of the weather. The acrylic adhesive on our air barriers and flashing tapes is specially formulated to stick at temperatures from -17° to 80°C (0° to 150°F). Immediately rain-safe when applied, our products let you keep working right up until it actually starts raining.

## Easy to install with no primer or special tools needed.

In rapidly evolving markets, skilled labour comes at a premium. That's why we design our membranes and tapes to be easy to work with and require no special tools, so you can get the job done quickly and efficiently no matter how many people are on your crew.



## Meeting rigorous industry standards.

- Engineered to be Air Barrier Association of America (ABAA)-evaluated using its Material Evaluation Process to develop, test, and highlight products that meet its standards.
- Rated NFPA 285 compliant using standard test method published by the National Fire Protection Association (NFPA) for evaluating materials.

## Non-Permeable Membrane

Engineered to help control indoor climate by reducing air leakage and uncontrolled airflow through the building envelope and preventing moisture ingress.



**3M™ Air and Vapour Barrier 3015NP**

- High-tack acrylic adhesive enables installation in most weather conditions
- Increased opacity – provides a clean look and visibility of screw heads to minimize missing the stud

## Permeable Membrane

Designed to prevent water penetration while allowing your building to breathe.



**3M™ Air Barrier with Permeable Backing 3015VP**

- Engineered to provide exacting control over moisture, air and vapour
- Reverse-wound rolls allow for faster installation

## Flashing Accessories

Designed for multidirectional applications in commercial buildings, enabling fast and easy detailing of windows, doors and penetrations.



**3M™ Ultra Conformable Tape 3015UC**

- Extremely flexible tape stretches horizontally and vertically and conforms around corners
- Enables up to 40% faster window and door detailing



**3M™ Air and Vapour Through Wall Flashing Tape 3015TWF**

- Exceptional puncture and abrasion resistance
- Specially designed for use as a through wall flashing and damp proof course



**3M™ Air and Vapour Barrier 3015NP**

- Narrower rolls available for detailing doors and windows
- Thin film design helps prevent tape buildup in the corners

Learn how 3M's advanced technologies can help you Build Smarter.  
Visit [airvapourbarrier.com](http://airvapourbarrier.com) or contact us at 1-877-877-0873



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\*Independent Observation and White Paper written by Lee Durston, Director of Building Science and Dani Ittner, Building Envelope Architect, BCRA Inc., September 2012.\*

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