8.3 INTERIOR AIR AND WATER SEAL

CMU/cast-in-place concrete wall construction

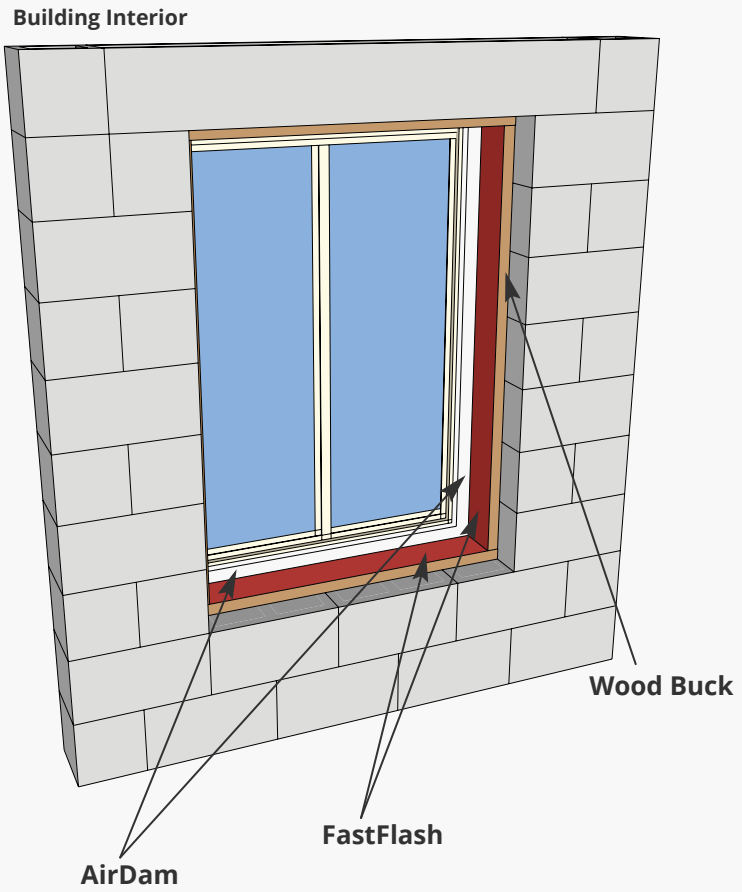
Install the window "plumb, level and square" into the prepared rough opening.

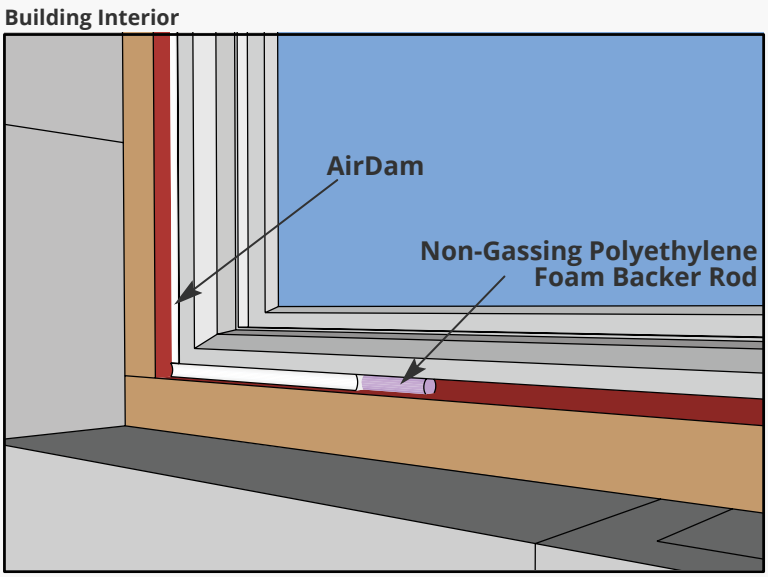
Use **AirDam** as the interior air sealant to ensure compatibility with the treated rough opening and create a long-lasting, weathertight seal. **AirDam** prevents bulk water and moist outside air from entering, and conditioned indoor air from escaping around the window. This ties the window into the larger air and water management system, and prevents water which may collect in the window frame from entering the conditioned space.

Joint Size – Sealant depth should be one-half the width of the joint. Maximum sealant depth should be ½ inch (13 mm). Minimum sealant depth should be ¼ inch (6mm). Minimum joint width should be ¼ inch (6mm).

Joint Backing – A properly sized non-gassing polyethylene foam backer rod should compress by 25-30% when installed. Install backer rod by compressing and rolling continuously into the joint channel without stretching or puncturing. Where joint depth does not permit use of a backer rod, install a polyethylene strip or bond breaker tape over the bottom of the joint to prevent three-sided adhesion. Three-sided adhesion will restrict joint movement.

Installation – Install a continuous bead of **AirDam** without gaps or air pockets. Tool immediately with a dry spatula to ensure complete wetting of the joint bond surface and produce a smooth, concave joint profile. **FastFlash** wraps into the rough opening in the structural wall. See detail 4.5.





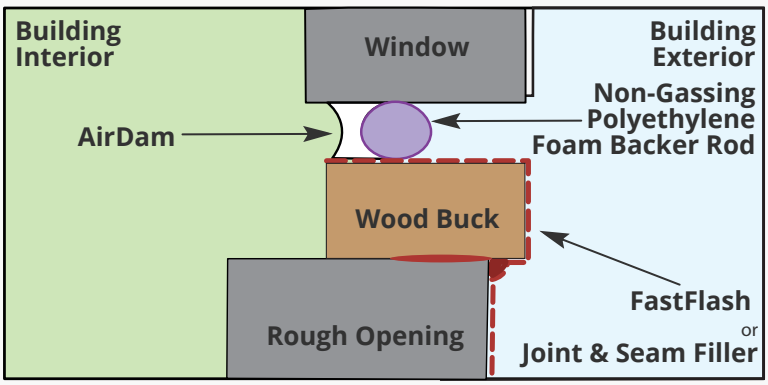


Illustration shows air and water sealant on wood buck using the minimum FastFlash requirements