



When an air/vapor barrier (AVB) membrane is specified on CMU, we must make sure that the wall stays dry as possible in order to achieve a surface ready for AVB installation

The AVB cannot be installed without proper protection as identified by most Manufacturers:



Wall is not protected at the top...even grouted solid walls must be protected.



Water resting against the roof and the CMU will allow a lot of water into the CMU.



The wall as it is installed at the end of the day must be covered.



A lot of water in the CMU...causes the membrane to fill with water behind the membrane.



Water has entered from the top or is washing down the face of the interior CMU...this will cause the AVB to fail



Moisture has driven to the exterior face of the CMU, pushing the membrane off the wall.



In our scopes, we need to account for this protection by a trade (CMU, AVB, Carpenter, Etc.)...which could be:
peel and stick at the concrete roof/CMU wall base and CJ's,
Plastic covering the entire wall to the concrete deck,
Spray Foam (SPF) at the metal deck and CMU wall base,
Tyvek or plastic nailed/attached at the CMU top of wall, etc...