

September 4, 2020

To: Carlisle SynTec Systems' Authorized Applicators
Attention: Foremen and Project Supervisors

Subject: CAV-GRIP III installation tips to shorten the learning curve

Please share this information with your crews to achieve the best results when working with Carlisle's revolutionary CAV-GRIP III Adhesive.

Application Tips – Field Membrane:

- 1) Allow EPDM and TPO membranes to relax for 30 minutes prior to applying adhesive.
- 2) Achieve full coverage at 1,000 SF per #40 cylinder using the extension wand (held 12" from the surface) with an approximate 1-2" overlap of adhesive at each pass.
- 3) Feather the spray gun at the end of each pass to avoid heavy areas which can cause blisters due to trapped solvents. Holding the gun too close to the surface can result in heavy application. In heavy areas, break the skin with a roller allowing solvents below the skin to flash-off.
- 4) **Allow adhesive in overlaps or heavy areas to flash-off until it doesn't transfer to your finger when touched and pushed.** Use the "tack and push test" to ensure solvents have flashed off and adhesive is tacky prior to installing the membrane. CAV-GRIP III has a generous open time.
 - a. Flash off takes longer in cooler, cold or cloudy conditions, in shaded areas, and in areas with heavy adhesive coverage.
 - b. Solvent flash-off can lower the surface temperature below the dew point causing moisture to form on the adhesive. Slide your hand across the flashed-off adhesive on the insulation or cover board to ensure moisture has evaporated and the adhesive surface is dry and tacky prior to installing the membrane.
- 5) Broom **AND** roll the membrane with a segmented weighted roller. Pressure is required for a proper bond. Segmented 150-pound rollers are sold by Rooftop Equipment at 800-222-6454.

Application Tips - Wall Flashings:

- 6) Same as noted above except a 50% overlap is required at each pass and the extension wand is not recommended for walls (750 SF per #40 cylinder). Hold spray gun 6-8" from wall.
- 7) Broom walls and roll with a silicone hand roller. Wider extendable Floor Rollers are available at most home improvement stores.


Sincerely,





Ron Goodman
Marketing Manager, EPDM Roofing Systems

INSTALLATION ADVISORY



Proper Coverage Rate - Field Area	
CAV-GRIP III over Membrane	CAV-GRIP III over Polyiso
	

Tack/Push Test Result - Pass	Proper Coverage Rate - Walls
	
Tack/Push Test Result - Still wet	
