

PROJECT PROFILE | MUSIC CITY CENTER | NASHVILLE, TN

ARCHITECT

Thompson, Ventulett, Stainback & Associates
Atlanta, GA
(404) 888-6600

Tuck Hinton Architects
Nashville, TN
(615) 254-4100

Moody Nolan
Nashville, TN
(614) 461-4664

VAPROSHIELD REPRESENTATIVE

Phil Johnson
phili@vaproshield.com
(616) 291-1042

PRODUCT(S)

WRAPSHIELD SA[®] *Self-Adhered Water-Resistive Vapor Permeable Air Barrier Sheet*

PROJECT DESCRIPTION

Over 400,000 sq. ft of WrapShield SA Self-Adhered Water-Resistive Vapor Permeable Air Barrier Sheet was used on the construction of the new \$415 million Music City Center. Total land area is 16 acres and total square footage of building and parking is 2.1 million sq.ft.

The Music City Center is working to achieve LEED Silver status with a prominent feature being the green roof designed to mimic the rolling hills of Tennessee.

WHY WrapShield SA Self-Adhered?

- Energy Saving:** WrapShield SA Self-Adhered far exceeds the acceptable standard of the rigorous ASTM 2357 test, ensuring life-long energy savings.
- Healthy Building:** no primer, Zero VOC's, created a life-long healthy building.
- Phase Construction Friendly:** all weather installation, 6 Months UV and climate exposure meant no delays, no special equipment, easily fit into the 3 year construction schedule.
- All Weather Construction:** WrapShield SA Self-Adhered's innovative adhesive, easily withstood the Nashville humidity ranging from 39-92% and temperature variations 29°-89°F over 12 months.
- Multiple Substrate Compatibility:** one product was installed over gypsum and insulation. Battens created a rain screen design.



WrapShield SA Self-Adhered (orange) installed over gypsum



WrapShield SA Self-Adhered was installed over insulation on the guitar-shaped pop-up section of the roof.



The project totals 16 acres and 2.1 million sq.ft. Over 400,000 sq.ft. of WrapShield SA Self-Adhered was installed over 12 months, with no delays due to weather or special equipment needed onsite.

PROJECT PROFILE | MUSIC CITY CENTER | NASHVILLE, TN



WrapShield SA Self-Adhered (orange) installed over gypsum on the “the drum,” part of the distinctive 5 story pop-out lobby.



WrapShield SA Self-Adhered allows for all weather construction, with 6 months of UV and climate exposure. The adhesive easily withstood the humidity fluctuations from 39-92% over 12 months.



WrapShield SA Self-Adhered (orange) installed as part of a rain screen system, under the battens (gray vertical parts).



WrapShield SA Self-Adhered is tested to ASTM standards, passing the rigorous ASTM 2357 test, with an air leakage difference of less than .01cfm/ft², far exceeding the acceptable standard of .04 cfm/ft².