



INNOVATIONS FOR LIVING®

July 27, 2021

## Owens Corning Thermafiber FireSpan® and Lower Surface Area Products - VOC Emissions Compliance

This letter provides the background for Volatile Organic Compound (VOC) emissions compliance for Owens Corning Thermafiber FireSpan® products, along with Thermafiber products that are used at lower surface areas than the FireSpan® curtainwall products.

UL Environment's GREENGUARD Certification Programs have loadings (surface areas) for insulation products which are more extensive than the standard insulation loadings in the California Standard Method V1.2 (CA SM). FireSpan® 90 unfaced and faced products were recently tested for emissions by UL Environment, a third party testing laboratory. Results were modeled using the curtainwall loading from the GREENGUARD program. Please refer to the appropriate UL test report (1001158779-3706860 for foil faced, 1001158780-3706861 for unfaced FireSpan 90) for emissions test results and modeling parameters.

The following Thermafiber products are either lower density than FireSpan® 90, or used at lower surface areas, so they also meet the VOC emissions requirements of the CA SM V1.2:

- Safing™
- TopStop®
- FireLedge®
- FixtureShield®
- Mullion Covers (generally these are just cut as needed from FireSpan® insulation)
- FireSpan® 40 (lower density than FireSpan® 90)

Refer to CA SM Section 8.7.1.5 for grouping of similar products for testing and verification.

It should also be noted that when unfaced FireSpan® products are used in an assembly that includes a steel back pan, the steel will retard emissions much like a low perm vapor barrier.

Please do not hesitate to contact me if you have any questions or need more information.

Regards,

*Stan Wolfersberger*

[Stan.Wolfersberger@owenscorning.com](mailto:Stan.Wolfersberger@owenscorning.com)

Sustainability Leader  
OC Sustainability