

# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ThermoShield® - Exterieur

62352-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ThermoShield® - Interieur

62350-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ThermoShield® - Lumen

98448-420

Certificate Number

08/29/2017 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ThermoShield® - ThermoVital

62351-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ThermoShield® - TopShield

62348-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ThermoShield® - History

62353-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ThermoShield® - StuccoTex

92022-420

Certificate Number

07/28/2017 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ThermoShield® - StuccoPrimer

92023-420

Certificate Number

07/28/2017 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ThermoShield® - Nature.

62354-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ThermoShield® - NaturePrimer

62391-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ThermoShield® - IndustrySpecial

62349-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ThermoShield® - IndustrySpecial Acoustic

65035-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ThermoShield® - GlossPlus

92027-420

Certificate Number

08/29/2017 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ThermoShield® - FixPlus

62355-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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## GREENGUARD Gold Certification Criteria for Building Products and Interior Finishes

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC <sup>(A)</sup>	-	0.22	mg/m <sup>3</sup>
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m <sup>3</sup>
Total Aldehydes <sup>(B)</sup>	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m <sup>3</sup>
Particle Matter less than 10 µm <sup>(C)</sup>	-	20	µg/m <sup>3</sup>
1-Methyl-2-pyrrolidinone <sup>(D)</sup>	872-50-4	160	µg/m <sup>3</sup>
Individual VOCs <sup>(E)</sup>	-	1/2 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C<sub>6</sub> – C<sub>16</sub> range, with responses calibrated to a toluene surrogate. Maximum allowable predicted TVOC concentrations for GREENGUARD Gold (0.22 mg/m<sup>3</sup>) fall in the range of 0.5 mg/m<sup>3</sup> or less, as specified in CDPH Standard Method v1.2.
- (B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.
- (C) Particle emission requirement only applicable to HVAC Duct Products with exposed surface area in air streams (a forced air test with specific test method) and for wood finishing (sanding) systems.
- (D) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m<sup>3</sup>/day
- (E) Allowable levels for chemicals not listed are derived from the lower of 1/2 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).



# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ClimateActivePaint® - ThermoProtect

62360-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ClimateActivePaint® - ThermoPlus

62359-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ClimateActivePaint® - Lumen

99200-420

Certificate Number

08/29/2017 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ClimateActivePaint® - ThermoVital

62358-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ClimateActivePaint® - ThermoActive

62392-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ClimateActivePaint® - History

62361-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ClimateActivePaint® -StuccoTex

92025-420

Certificate Number

07/28/2017 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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*UL investigated representative samples of the identified Product(s) to the identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the identified Product(s) manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.*

# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ClimateActivePaint® - StuccoPrimer

92024-420

Certificate Number

07/28/2017 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ClimateActivePaint® - Nature

62362-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ClimateActivePaint® - NaturePrimer

62390-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ClimateActivePaint® - IndustrySpecial

62357-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany

### ClimateActivePaint® - IndustrySpecial Acoustic

64447-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ClimateActivePaint® - GlossPlus

92026-420

Certificate Number

08/29/2017 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



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# CERTIFICATE OF COMPLIANCE



## SICC Coatings GmbH – Berlin / Germany ClimateActivePaint® - FixPlus

62356-420

Certificate Number

07/30/2014 - 07/28/2020

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of  $0.82 \text{ hr}^{-1}$  and a loading of  $94.60 \text{ m}^2$ ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of  $0.68 \text{ hr}^{-1}$  and a loading of  $33.40 \text{ m}^2$ .

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



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## GREENGUARD Gold Certification Criteria for Building Products and Interior Finishes

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC <sup>(A)</sup>	-	0.22	mg/m <sup>3</sup>
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m <sup>3</sup>
Total Aldehydes <sup>(B)</sup>	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m <sup>3</sup>
Particle Matter less than 10 µm <sup>(C)</sup>	-	20	µg/m <sup>3</sup>
1-Methyl-2-pyrrolidinone <sup>(D)</sup>	872-50-4	160	µg/m <sup>3</sup>
Individual VOCs <sup>(E)</sup>	-	1/2 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C<sub>6</sub> – C<sub>16</sub> range, with responses calibrated to a toluene surrogate. Maximum allowable predicted TVOC concentrations for GREENGUARD Gold (0.22 mg/m<sup>3</sup>) fall in the range of 0.5 mg/m<sup>3</sup> or less, as specified in CDPH Standard Method v1.2.
- (B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.
- (C) Particle emission requirement only applicable to HVAC Duct Products with exposed surface area in air streams (a forced air test with specific test method) and for wood finishing (sanding) systems.
- (D) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m<sup>3</sup>/day
- (E) Allowable levels for chemicals not listed are derived from the lower of 1/2 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).

