# Certificate of Compliance

**Certificate**

175377-420

**Issue Date**

15 Jun 2020

**Expiration Date**

27 Feb 2027

UL Verification Services does hereby certify that an independant assessment has been conducted on behalf of:

## Kvadrat A/S

for the following product:

## Colline

The product has been evaluated and meets the requirements for:

## GREENGUARD Gold™

UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

*Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2019 Credit 7.6.1, 7.6.2, and 7.6.3. Seating products are modeled in the seating environment with a ventilation rate of 24.8 m³/hour. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017.*

Ranee Valles
Director and General Manager

UL Verification Services Inc.
2211 Newmarket Parkway, ste 106
Marietta, GA 30067 USA

*UL Solutions evaluated representative samples of the identified product, process or facility to the identified Standard or other requirements in accordance with the agreements and any applicable program service terms in place between UL Solutions and the Client (collectively "Agreement"). The Client is authorized to use the UL Mark for the identified Product, process or facility covered by this certificate, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement. This certificate is subject to modification, suspension and withdrawal by UL Solutions see SPOT.ul.com, to authenticate the certificate.*

# Certificate of Compliance

## GREENGUARD Gold Certification Criteria for Furniture and Mattresses

| Criteria | CAS Number | Maximum Allowable Predicted Concentration | Units |
|---|---|---|---|
| TVOC (A) | - | 0.22 | mg/m³ |
| Formaldehyde | 50-00-0 | 9 (7.3 ppb) | µg/m³ |
| Total Aldehydes (B) | - | 0.043 | ppm |
| 4-Phenylcyclohexene | 4994-16-5 | 6.5 | µg/m³ |
| 1-Methyl-2-pyrrolidinone (C) | 872-50-4 | 160 | µg/m³ |
| Individual VOCs (D) | - | 1/2 CREL or 1/100th TLV | - |

(A) Defined to be the total response of measured VOCs falling within the $C_6$ – $C_{16}$ range, with responses calibrated to a toluene surrogate.

(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) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day.

(D) 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).

UL Solutions

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