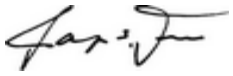
# COMPLIANCE TESTED by berkeley analytical

## VOC Emission Test Certificate

**Product Name: 5400 MaxiFlex Mortar**

| Product Sample Information | |
|---|---|
| Company: | Flextile Ltd. |
| Company Website: | www.flextile.net |
| Product Type: | Wall Mortar |
| Date Produced: | 5/25/2023 |

| Certificate Information | |
|---|---|
| Certificate No: | 230810-06 |
| Certified By: |  Raja S. Tannous, Laboratory Director |
| Date: | August 10, 2023 |

**Reference Standard:** California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017 (Emission testing method for CA Specification 01350)

**Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:**

| Exposure Scenario[1] | Individual VOCs of Concern[2] | | Formaldehyde[3] | | TVOC[4] |
|---|---|---|---|---|---|
| | Criterion | Compliant? | Criterion | Compliant? | Range |
| School Classroom | ≤½ Chronic REL | YES | ≤9.0 µg/m³ | YES | ≤ 0.5 mg/m³ |
| Private Office | ≤½ Chronic REL | YES | ≤9.0 µg/m³ | YES | ≤ 0.5 mg/m³ |

**Product Coverage[5]:** 3500 g/m²

1. Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.2-2017)
2. Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (*ibid*.)
3. Maximum allowable formaldehyde concentration is ≤9 µg/m³, effective Jan 1, 2012; previous limit was ≤16.5 µg/m³ (ibid.)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m³, >0.5 – 4.9 mg/m³, and ≥5.0 mg/m³
5. Informative and applicable only to tests of wet-applied products; grams of sample applied per square meter of substrate

**Standards & Codes Recognizing CDPH Standard Method V1.2 (partial list)**

- USGBC LEED Version 4/4.1, BD&C, ID&C, Residential BD&C Multifamily
- The WELL Building Standard, WELL v2, Feature X06
- ANSI/GBI 01-2019 Green Globes Assessment Protocol
- ANSI/ASHRAE/USGBC/IES Standard 189.1

**Narrative:** Flextile Ltd. selected a sample representative of its 5400 MaxiFlex Mortar - a thin-set morter product and submitted it on 7/13/2023 for testing. Berkeley Analytical measured and evaluated the emissions of VOCs from this sample following CDPH/EHLB/Standard Method V1.2-2017. The results of the test are presented in Berkeley Analytical report, 697-007-07A-Aug1023.

**Berkeley Analytical** is an independent, third-party laboratory specializing in the analysis of organic chemicals emitted by and contained in building products, finishes, furniture, and consumer products. We are an ISO/IEC 17025 accredited laboratory (IAS, TL-383); all standards used in performing this test are in Berkeley Analytical's scope of accreditation.

**DISCLAIMER: THIS CERTIFICATE OF COMPLIANCE AFFIRMS THAT: 1) A SAMPLE OF THE LISTED PRODUCT WAS TESTED ACCORDING TO THE REFERENCED STANDARD; 2) THE MEASURED VOC EMISSIONS FROM THE SAMPLE WERE EVALUATED FOR THE DEFINED EXPOSURE SCENARIO(S); AND 3) THE RESULTS MEET THE ACCEPTANCE CRITERIA OF THE REFERENCED STANDARD(S). BERKELEY ANALYTICAL IS NOT RESPONSIBLE FOR ANY CLAIMS REGARDING A PRODUCT OR PRODUCTS ENTERED INTO COMMERCE THAT MAY BE BASED ON THIS TEST. BERKELEY ANALYTICAL PROVIDES THIS CERTIFICATE OF COMPLIANCE "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE.**