

eco-INSTITUT, Schanzenstr. 6-20, D-51063 Köln

Hilti Entwicklungsgesellschaft mbH Mrs. Sarah Kretschmer Hiltistraße 6 86916 Kaufering

Laboratory testing

Dear Mrs. Kretschmer,

based on the evaluation of the Test Reports No. 58660-A002-CS-L, dated 2024-01-16, and 58660-A002-L, dated 2023-12-22, the testing results of the product **CFS-S ACR Firestop Acrylic Sealant** manufactured by **Hilti Entwicklungsgesellschaft mbH** comply with the requirements of

- VOC product emissions acc. to California Department of Public Health (CDPH) Standard Method v1.2–2017 (California Specification 01350 (01/2017))
- VOC content ASTM D 2369 20 and South Coast Air Quality Management District (SCAQMD) Rule 1168

These criteria meet the requirements for low-emitting **Adhesives and Sealants** in credit EQc2 of the LEEDv4 Rating System and the LEEDv4.1 Rating System.

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

| Exposure Scenario | Individual VOCs of Concern | | Formaldehyde | | TVOC |
|-------------------|----------------------------|---------------------|--------------|---------------------|---------------------------|
| | Requirement | Requirement hold | Requirement | Requirement hold | Range |
| School Classroom | ½ CREL | yes | ≤ 9 µg/m³ | yes | $\leq 0.5 \text{ mg/m}^3$ |
| Private Office | ½ CREL | yes | ≤ 9 µg/m³ | yes | $\leq 0.5 \text{ mg/m}^3$ |

Mass per surface area: not applicable

| VOC content | VOC Limit Value* | | |
|-------------|------------------|--|--|
| 49.5 g/L | 50 g/L | | |

^{*} VOC Limit Value for "All Other Architectural Sealants" (SCAQMD 1168, 10/2017)

Cologne, 2024-01-16

Marc-Anton Dobaj, M.Sc. Crystalline Materials (Project manager)

