

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

Hilti Entwicklungsgesellschaft mbH
Mrs. Sarah Kretschmer
Hiltistraße 6
86916 Kaufering

Dear Mrs. Kretschmer,

based on the evaluation of the Test Reports No. 58656-A002-CS-L dated 2023-11-21 and 58656-A002-L dated 2023-11-27, the testing results of the products **FS-ONE Max (US) Firestop Intumescent Sealant** commissioned 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	> 0.5 mg/m³
Private Office	½ CREL	yes	≤ 9 µg/m³	yes	> 0.5 mg/m³

Mass per surface area: not applicable

VOC content	VOC Limit Value*
< 1 g/L	50 g/L

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

Cologne, 2024-01-15



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