eco-INSTITUT Germany GmbH

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

Hilti Entwicklungsgesellschaft mbH Mr. Johannes Berthel Hiltistraße 6 86916 Kaufering Laborprüfung Laboratory testing

Dear Mr. Berthel,

representatively for the product **CFS-D 1 – Firestop Putty Disc** manufactured by **Hilti Entwicklungsgesellschaft mbH,** the materials listed under the overview of samples in the test reports no. 58011-A001-CS-L and 58011-A001-L dated 2023-03-01 were examined in the laboratory. The testing results 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	1/2 CREL	yes	$\leq$ 9 µg/m <sup>3</sup>	yes	$\leq$ 0.5 mg/m <sup>3</sup>
Private Office	1/2 CREL	yes	$\leq$ 9 µg/m <sup>3</sup>	yes	$\leq$ 0.5 mg/m <sup>3</sup>

Mass per surface area: not applicable

VOC content	VOC Limit Value*	
12.18 g/L	50 g/L	

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

Cologne, 2023-03-30

M. A. Jolg

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

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