

eco-INSTITUT, Schanzenstr. 6-20, Carlswerk 1.19, D-51063 Köln

Hilti Entwicklungsgesellschaft mbH
 Mrs. Barbara Klausfelder
 Hiltistrasse 6
 DE - 86916 Kaufering

Dear Mrs. Klausfelder,

based on the evaluation of Test report **59102-A003-AgBB-L** dated **20/06/2024**, for the products **CFS-NVB E120** and **CFS-NVB E120 FB**, commissioned by **Hilti Entwicklungsgesellschaft mbH**, we confirm compliance with the requirements BREEAM International New Construction 2018 (Technical Manual SD233 3.0, Hea 02 Indoor air quality), **Emissions from construction products** for **“Ceiling, wall, and acoustic and thermal insulation materials”**.

Evaluation Emission criteria:

Chemical Contaminant	Result acc. to EN 16516	Emission Limit - Emissions from building products	Requirement hold [yes/no]
Measurement time: 28 days after test chamber loading			
Formaldehyde	0.002 mg/m ³	≤ 0.06 mg/m ³	yes
TVOC	< 0.005 mg/m ³	≤ 1.0 mg/m ³	yes
Category 1A and 1B carcinogens	≤ 0.001 mg/m ³	≤ 0.001 mg/m ³	yes

Evaluation Emission criteria - Exemplary level criteria:

Chemical Contaminant	Result acc. to EN 16516	Emission Limit - Exemplary Level Criteria	Requirement hold [yes/no]
Measurement time: 28 days after test chamber loading			
Formaldehyde	0.002 mg/m ³	≤ 0.01 mg/m ³	yes
TVOC	< 0.005 mg/m ³	≤ 0.3 mg/m ³	yes
TSVOC	< 0.005 mg/m ³	≤ 0.1 mg/m ³	yes
Category 1A and 1B carcinogens	≤ 0.001 mg/m ³	≤ 0.001 mg/m ³	yes

Köln, 20/06/2024



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