

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-A002-AgBB-L** dated **20/06/2024**, for the product **CFS-VB E120 25**, 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]
<b>Measurement time: 28 days after test chamber loading</b>			
Formaldehyde	< 0.002 mg/m <sup>3</sup>	≤ 0.06 mg/m <sup>3</sup>	yes
TVOC	0.006 mg/m <sup>3</sup>	≤ 1.0 mg/m <sup>3</sup>	yes
Category 1A and 1B carcinogens	≤ 0.001 mg/m <sup>3</sup>	≤ 0.001 mg/m <sup>3</sup>	yes

Evaluation Emission criteria - Exemplary level criteria:

Chemical Contaminant	Result acc. to EN 16516	Emission Limit - Exemplary Level Criteria	Requirement hold [yes/no]
<b>Measurement time: 28 days after test chamber loading</b>			
Formaldehyde	< 0.002 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	yes
TVOC	0.006 mg/m <sup>3</sup>	≤ 0.3 mg/m <sup>3</sup>	yes
TSVOC	< 0.005 mg/m <sup>3</sup>	≤ 0.1 mg/m <sup>3</sup>	yes
Category 1A and 1B carcinogens	≤ 0.001 mg/m <sup>3</sup>	≤ 0.001 mg/m <sup>3</sup>	yes

Köln, 20/06/2024



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