

Confirmation

LEED v4 and v4.1

On 3 February, Eurofins Product Testing A/S received a sample of an adhesive with the product name:

Styccobond F46

supplied by

F. Ball and Co. Ltd.

The sample was supplied as being representative of the manufactured product, and it has been tested in accordance with the relevant ISO 16000, EN 16516, and ASTM D2369 testing standards (See test report no. 392-2021-00062503_A_EN and no. 392-2021-00062507_XG_EN_rev1).

The test results of the tested sample indicate that the product qualifies for LEED v4 and LEED v4.1 BETA (February 2021) projects outside the US by showing compliance with the specifications for VOC emissions and VOC content by complying with:

VOC emissions specifications in LEED EQ credit "Low-Emitting Materials" for LEED projects outside the US:

- The requirements of LEED v4.1 BETA (February 2021) by not exceeding the LCI values mentioned in the German AgBB Testing and Evaluation Scheme (2018), showing an overall R-value below or equal to 1 and having a TVOC according to EN 16516 below or equal to 1,000 $\mu\text{g}/\text{m}^3$, a sum of VOC without LCI less than 100 $\mu\text{g}/\text{m}^3$ and a formaldehyde emission below or equal to 10 $\mu\text{g}/\text{m}^3$; all after 28 days.
- The requirements of LEED v4 by complying with:
 - The requirements of EMICODE (EC1), version of April 2020, with the additional formaldehyde limit of 10 $\mu\text{g}/\text{m}^3$ after 28 days.

VOC content specifications in LEED EQ credit "Low-Emitting Materials" for LEED projects globally:

- The requirements of LEED v4 and LEED v4.1 BETA (February 2021): South Coast Air Quality Management District (SCAQMD) Rule 1168 (2017) for Carpet adhesive having a VOC content below 50 g/L.

13 April 2021



Peter Alexander Skov
Analytical Chemist, MSc. Eng. Chemistry



Janne Rothmann Norup
Analytical Service Manager

LEED® is the preeminent program for the design, construction, maintenance and operations of high-performance green buildings. USGBC® and the related logo are trademarks owned by the U.S. Green Building Council and are used with permission.