

Changes/additions in the AgBB-scheme 2015

The AgBB evaluation scheme 2015 contains several changes and additions within the framework of the health-related evaluation of volatile organic compounds emissions from building products. Here are the main changes briefly:

- The derivation procedure and the published **EU-LCI values** are being gradually adopted to acknowledge the work of the harmonisation initiative for a uniform European framework for the assessment of building products emissions (www.eu-lci.org).
- The assessment of some **VVOC** has been added in the AgBB-scheme 2015. **Formaldehyde** has been integrated into the updated LCI list with the value of 100 µg/m³. For further VVOC (acetone, butanal and acetaldehyde), which can be quantified using the DNPH method, LCI/EU-LCI values have been derived/adopted. The VVOC for which LCI values are being derived must be included in the calculation of the R-value but not in the TVOC value.
- For some **SVOC LCI values** are derived in individual cases. The SVOC for which LCI values were derived must be included in the calculation of the R-value and are not subject to the value for total SVOC of 0.1 mg/m³ after 28 days. The sum of TVOC and the sum of all individual SVOC with LCI value may not exceed a concentration of 1.0 mg/m³ after 28 days.
- An **exception rule** applies for certain substances classified as **1A or 1B carcinogens** if a **threshold** can be derived for the most sensitive endpoint at which a carcinogenic potential is no longer assumed.
- A paragraph regarding loading factors in chapter 4.2 has been added.

New substances on the LCI list 2015

Substance	CAS No	LCI (µg/m ³)
2-11 Other saturated aliphatic hydrocarbons, C17-C22		1.000
4-15 1,4-Cyclohexanedimethanol	105-08-8	1.600
7-1 Butanal	123-72-8	650
7-20 Acetaldehyde	75-07-0	1.200
7-22 Formaldehyde	50-00-0	100
8-10 Acetone	67-64-1	1.200
12-16 Tetradecamethylcycloheptasiloxane (D7)	107-50-6	1.200
12-17 N-Ethyl-2-pyrrolidone	2687-91-4	430