

low emissions coatings

a guide to AgBB certified low VOC flooring

The following Vebro Polymers products and systems have been tested and certified as low emissions coatings by the Committee for the Health Assessment of Construction Products (AgBB).

The AgBB evaluation scheme sets out the quality standards for building products intended for use indoors that are relevant to health. In doing so, the scheme fosters the innovation and development of particularly low-emission products, including the products and systems listed here.

Where you see the below logo on Vebro Polymers technical data, this signifies an AgBB certified product or system.



products

- ✓ vebro EP ESD Quartz Binder
- ✓ vebro EP ESD SL (Conductive)
- ✓ vebro EP ESD SL (Dissipative)
- ✓ vebro EP LT Binder (Clear)
- ✓ vebro EP LT Binder (Coloured)
- ✓ vebro EP VP Coating
- ✓ vebro EP VP ESD SL (Conductive)
- ✓ vebro PU SC Primer
- ✓ vebro PU Universal
- ✓ vebro UR ESD Seal (Clear Gloss)
- ✓ vebro UR UV Seal (Clear Gloss)
- ✓ vebro UR UV Seal (Gloss)
- ✓ vebrocrete PU HF Plus
- ✓ vebrocrete PU MF Plus
- ✓ vebroflex PU SL
- ✓ vebroflex PU SL Decorative
- ✓ vebroflex PU SL UV Plus
- ✓ vebroflex PU UV WB Seal (Clear Matt)
- ✓ vebroflex PU UV WB Seal (Matt)

systems

- ✓ vebroflex Comfort UV
- ✓ vebroflex Comfort UV Plus
- ✓ vebroflex Bounce UV
- ✓ vebroflex Bounce UV Plus
- ✓ vebroflex Decorative UV
- ✓ vebroflex Decorative UV Bounce
- ✓ vebroluxe Compact
- ✓ vebroluxe Compact Terrazzo
- ✓ vebrores PU HBC
- ✓ vebrores PU SL
- ✓ vebrores PU SL HD
- ✓ vebrocrete HF Plus
- ✓ vebrocrete MF Plus
- ✓ vebrostatic ESD SL (Conductive)
- ✓ vebrostatic ESD SL (Dissipative)
- ✓ vebrostatic VP ESD SL (Conductive)
- ✓ vebrostatic ESD Quartz (Conductive)

for chemistry you can count on...

emissions limit values

Substance / Limit value after 28 days	AgBB 2018	Belgian VOC regulation 2014	French VOC regulation A+ 2011	Afsset 2009
TVOC	$\leq 1000 \mu\text{g} / \text{m}^3$	$\leq 1000 \mu\text{g} / \text{m}^3$	$\leq 1000 \mu\text{g} / \text{m}^3$	$\leq 1000 \mu\text{g} / \text{m}^3$
TSVOC	$\leq 100 \mu\text{g} / \text{m}^3$	$\leq 100 \mu\text{g} / \text{m}^3$	not defined	not defined
Tolouene	$2900 \mu\text{g} / \text{m}^3*$	$\leq 300 \mu\text{g} / \text{m}^3$	$< 300 \mu\text{g} / \text{m}^3$	$300 \mu\text{g} / \text{m}^3*$
Formaldehyde	$100 \mu\text{g} / \text{m}^3*$	$\leq 100 \mu\text{g} / \text{m}^3$	$< 10 \mu\text{g} / \text{m}^3$	$\leq 10 \mu\text{g} / \text{m}^3$
Acetaldehyde	$1200 \mu\text{g} / \text{m}^3*$	$\leq 200 \mu\text{g} / \text{m}^3$	$< 200 \mu\text{g} / \text{m}^3$	$200 \mu\text{g} / \text{m}^3*$
CMR substances 1A & 1B	$\leq 1 \mu\text{g} / \text{m}^3$	$\leq 1 \mu\text{g} / \text{m}^3$	$\leq 1 \mu\text{g} / \text{m}^3$ (CMR regulation)	$\leq 1 \mu\text{g} / \text{m}^3$ (CMR regulation)
R value	≤ 1	≤ 1	≤ 1	≤ 1
TVOC w/o LCI	$\leq 100 \mu\text{g} / \text{m}^3$	not defined	not defined	$\leq 100 \mu\text{g} / \text{m}^3$

European Emissions Limit Values After 28 Days. <https://bit.ly/2ZPIkMs> *NIK, LCI, CLI

AgBB & LEED

The AgBB scheme has been developed in compliance with a number of international standards, including ISO 16000 standards and LEED, ensuring certified products meet the criteria set out, as well as contribute to building credits where applicable.

LEED is the preeminent program for the design, construction, maintenance and operations of high-performance green buildings, setting out a framework and providing third-party verification for a building's green design, construction, operations and maintenance solutions.

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Suite 2A, Booths Hall, Chelford Road, Knutsford, Cheshire, WA16 8GS, UK

w: vebropolymers.com | e: hello@vebropolymers.com | t: +44 (0) 1565 756 107