

# Overview of limit values

Flooring installation products, adhesives and building materials



Parameters	Max. permissible concentration [ $\mu\text{g}/\text{m}^3$ ]		
TVOC after 3 days	$\leq 750$	$\leq 1000$	$\leq 3000$
TVOC after 28 days	$\leq 60$	$\leq 100$	$\leq 300$
TSVOC after 28 days	$\leq 40$	$\leq 50$	$\leq 100$
R-value based on German AgBB LCI-values after 28 days	$\leq 1$	$\leq 1$	-
Sum of non-assessable VOCs	$\leq 40$	-	-
Formaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Formaldehyde after 28 days	$\leq 10$	$\leq 10$	$\leq 10$
Acetaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Sum of formaldehyde and acetaldehyde after 3 days	$\leq 0,05$ ppm	$\leq 0,05$ ppm	$\leq 0,05$ ppm
Sum of volatile C substances of cat. 1A/1B after 3 days	$< 10$	$< 10$	$< 10$
Any volatile C substance of cat. 1A/1B after 28 days	$< 1$	$< 1$	$< 1$



Surface treatment products

Parameters	Max. permissible concentration [ $\mu\text{g}/\text{m}^3$ ]		
Sum of TVOC+TSVOC after 28 days	$\leq 100$ thereof max. 40 SVOCs	$\leq 150$ thereof max. 50 SVOCs	$\leq 400$ thereof max. 100 SVOCs
R-value based on German AgBB LCI-values after 28 days	$\leq 1$	$\leq 1$	-
Sum of non-assessable VOCs	$\leq 40$	-	-
Formaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Formaldehyde after 28 days	$\leq 10$	$\leq 10$	$\leq 10$
Acetaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Sum of formaldehyde and acetaldehyde after 3 days	$\leq 0,05$ ppm	$\leq 0,05$ ppm	$\leq 0,05$ ppm
Sum of volatile C substances of cat. 1A/1B after 3 days	$< 10$	$< 10$	$< 10$
Any volatile C substance of cat. 1A/1B after 28 days	$< 1$	$< 1$	$< 1$