

VOC detection for Plastifloor® Floor Coating systems:

Special testing and proof has not been performed or rendered in the course of preparing this certificate for Plastifloor® resins. If the products are used in living rooms, in which the test / proof of VOC emissions is required, in principle the individual EPDs should be handed out. For products that are used in living rooms, the following limits apply (maximum values in [$\mu\text{g}/\text{m}^3$]):

classification/ EMICODE	AgBB
TVOC (C6C16) after 3 / 28 days	10000 / 1000
TSVOC (C16C22) after 28 days	100
C1, C2 substance after 3 / 28 days * summ after 3 days, ** each substance after 28 days	10* / 1**
summ Formaldehyd/ Acetaldehyd [ppb] after 3 days	./.
summe VOC without NIK and not identified substances after 28 days	100
Rvalue(28d)	1

Measuring method:

GEV testing method for the determination of the emission of volatile organic compounds from building products according to DIN EN ISO 16000 Part 3, Part 6, Part 9, Part 11 in a test chamber. CMR test substances and TVOC / TSVOC after 3 and 28 days. Considered as proof of the corresponding certificate. The results are possibly in the form of emission class specified.

VOC emissions according AgBB scheme:

The results were obtained for the coating Plastifloor® 526 in system designed Plastifloor® 112/418/526 (AgBB Overview of results after 28 days):

VOC Emissionen

designation	value	unit
TVOC (C6 C16)	971	$\mu\text{g}/\text{m}^3$
summ SVOC (C16 C22)	0	$\mu\text{g}/\text{m}^3$
R (dimensionless)	0,555	
VOC without NIK	11	$\mu\text{g}/\text{m}^3$
carcinogens	0	$\mu\text{g}/\text{m}^3$

data concerning our products and devices as well as concerning our data and procedures are based on an extensive research work and an application technology experience. We obtain these results, with which we do not take over adhesion going beyond the respective single contract, in word and writing after best knowledge, reserve ourselves we however technical changes in the course of the product development. Beyond that our application technology service stands when desired for large consultation as well as for co-operation with the solution manufacturing and application technology problems for order. That does not relieve the user however to examine our data and recommendations before their use responsible for the own use. That applies - particularly for deliveries to foreign markets - also regarding the keeping of patent rights third as well as for applications and procedures, which are not expressly in writing indicated by us. The case of loss our adhesion is limited to indemnifications of same extent, as they plan our general terms of delivery and sales with lack of quality.

01.06.2014

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