

CARPET TESTING: SBR vs VAE BACKING

Tested by the Textiles & Flooring Institute GmbH (TFI); Test Report No. 420059-01 and 430563-01

EMISSION MEASUREMENT **SBR BACKING**

Sampling after 3 days

General survey of the results	test result	break-off criteria ¹	BC ¹ fulfilled	AgBB requirements
TVOC	950 µg/m³	≤ 0.3 mg/m³	No	≤ 10 mg/m³
Σ SVOC	< 2 µg/m³	≤ 0.03 mg/m³	Yes	none
R	1.09	≤ 0.5	No	none
Σ VOC without LCI	15 µg/m³	≤ 0.05 mg/m³	Yes	none
Σ carcinogenic substances	< 1 µg/m³	≤ 0.001 mg/m³	Yes	≤ 0.01 mg/m³
TVOC toluene equivalent	406 µg/m³	none	--	none
Formaldehyde	< 2 µg/m³	≤ 61 µg/m³	Yes	none

¹ break-off criteria after 3 days for "proven" textile floor coverings

EMISSION MEASUREMENT **VAE BACKING**

Testing after 3 days					
Parameter	Result	Break-off criterion ¹	Fulfilled	AgBB requirement	Fulfilled
TVOC	134 µg/m³	≤ 0.3 mg/m³	Yes	≤ 10 mg/m³	Yes
Σ SVOC	< 2 µg/m³	≤ 0.03 mg/m³	Yes	-	-
R	0.11	≤ 0.5	Yes	-	-
Σ VOC without LCI	< 2 µg/m³	≤ 0.05 mg/m³	Yes	-	-
Σ carcinogenic substances	< 1 µg/m³	≤ 0.001 mg/m³	Yes	≤ 0.01 mg/m³	Yes
Formaldehyde	3 µg/m³	≤ 0.060 mg/m³	Yes	-	-

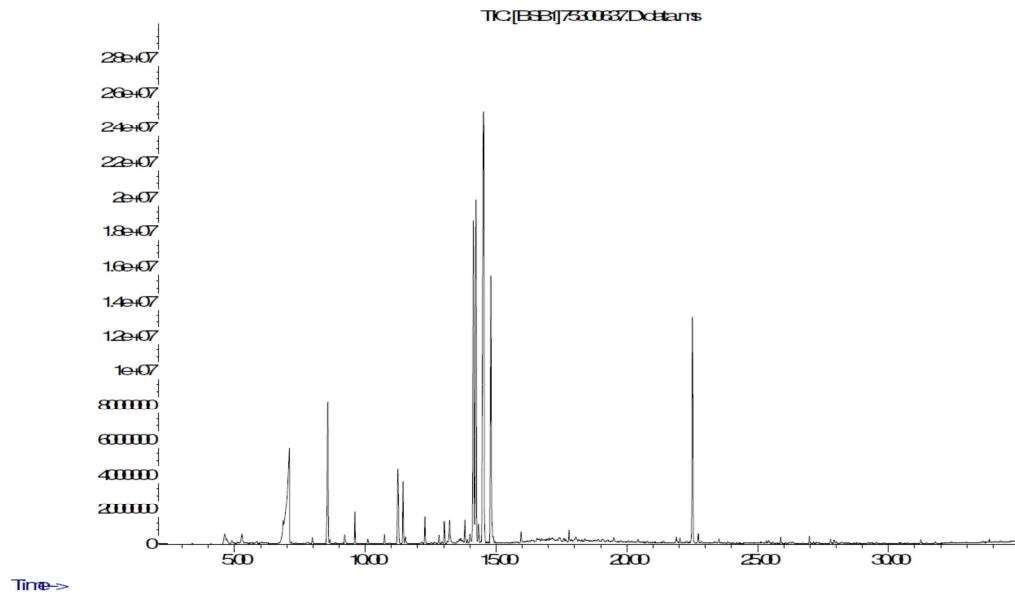
For any further details please refer to annex ADAM

< below determination threshold

¹ Break-off criteria after 3 days apply to "proven" textile floor coverings

CHROMATOGRAM AFTER 3 DAYS **SBR BACKING**

Chromatogram after 3 days
Abundance



CHROMATOGRAM AFTER 3 DAYS **VAE BACKING**

Chromatogram after 3 days
Abundance

