

Steico Aktiengesellschaft
 Att Michael Makas
 Otto-Lillienthal-Ring 30
 D-85622 Feldkirchen
 Tyskland

Assessment of Compliance

An emission measurement according to ISO 16000-9:2006 regarding VOC and aldehydes after 28 days of conditioning has been carried out on the product **Steico LVL**, see test report 6F013227-1 dated 2016-08-31. A comparison of the emission results and the criteria according to the **French Regulations on VOC emissions** from construction products “Décret n° 2011-321 du 23 mars 2011” and “Arrêté du 19 avril 2011 is made in table 1.

Table 1.

Comparison of the criterias according to **French Regulations on VOC, emissions Class A+** and the test results of **Steico LVL**

Volatile organic compound	Criteria emissions Class A+ ($\mu\text{g}/\text{m}^3$)	Test Results ($\mu\text{g}/\text{m}^3$)	Pass / Fail Criteria
Toluene	< 300	< 2	PASS
Tetrachloroethylene	< 250	< 2	PASS
Ethylbenzene	< 750	< 2	PASS
Xylene (m, p, o-isomer mix)	< 200	< 2	PASS
2-Butoxyethanol	< 1000	< 2	PASS
Styrene	< 250	< 2	PASS
1,2,4-Trimethylbenzene	< 1000	< 2	PASS
1,4-Dichlorobenzene	< 60	< 2	PASS
Formaldehyde	< 10	< 1	PASS
Acetaldehyde	< 200	< 1	PASS
TVOC (C ₆ – C ₁₆)	< 1000	< 20	PASS

The emissions of the CMR substances Trichloroethylene, Benzene, DEHP and DBP from the product **Steico LVL** are all less than $1 \mu\text{g}/\text{m}^3$.

The test results are in compliance with all the requirements of emission class A+.

SP Technical Research Institute of Sweden SP Chemistry, Materials and Surfaces - Chemistry

Performed by

Examined by

Ulrika Johansson

Tove Mali´n

SP Technical Research Institute of Sweden

Postal address
 SP
 Box 857
 SE-501 15 BORÅS
 Sweden

Office location
 Brinellgatan 4
 SE-504 62 BORÅS

Phone / Fax / E-mail
 +46 10 516 50 00
 +46 33 13 55 02
 info@sp.se

This document may not be reproduced other than in full, except with the prior written approval of SP.