



## RAPPORT

utförd av ackrediterat laboratorium  
REPORT issued by an Accredited Laboratory

# Formaldehyde emission chamber test

Standard method	EN 14080:2013 "Timber structures – Glued laminated timber – Requirements"
Chamber size	1 m <sup>3</sup>
Temp & RH	23 ± 0.5°C, 45 ± 3%
Air exchange rate	1 / h
Loading factor	0.3 m <sup>2</sup> / m <sup>3</sup>
Size of test specimens	0.56x0.125x 0.142 m. 4 glue joints. Total exposed area: 0.3 m <sup>2</sup> .
Edge sealing	The cut edges were sealed
Conditioning	Direct to chamber
Sample type & id	Grip Pro Plus
Glue system	Grip Pro Plus (A011) 100:30.
Glue amount	480 g/m <sup>2</sup>
Pressing conditions	TA 30 min, press overnight 8 kg/m <sup>2</sup>
Production /order date	January 15, 2016
Arrival date	January 15
Test period	January 19-February 1

### Test results

Sample id	Steady state emission value (mg/m <sup>3</sup> )
GPP	0.01

### Notes

- The measurement uncertainty is 15 % (including a coverage factor of 2). The evaluation of the uncertainty is based on the principles given in *The Guide to the Expression of Uncertainty in Measurement*, 1993 (GUM) and has been made according to SP Rapport 2000:17 (see report 02 AA 032-rev 1).
- In order to determine the steady-state concentration 10 analyses during a period of 13 days have been made. Since the values for the last 6 measurements are low, the data have not been fitted to the power function. The emission value is given as the average of the last six measurements (=0.005 mg/m<sup>3</sup>) rounded to the next 0.01 mg/m<sup>3</sup>. According to the standard the result is given as 0.01 mg/m<sup>3</sup>.

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