

## Declaration: 5.3 VOC content in paints, primers and varnishes

*to be completed by the Applicant but ONLY where coated metal component parts exceed 5% w/w of the final furniture product (excl. packaging) AND if compliance with criterion 9.5 is NOT demonstrated.*

I, the undersigned, confirm that the proportion of the furniture product that consists of coated metal component parts is \_\_\_\_\_ % w/w.

**Please only proceed if the combined content of metal component parts exceed 5% of the product weight (excluding packaging)**

I, the undersigned, confirm that the paints, primers and varnishes used met the requirements of criterion 5.3 by the following manner(s): **(Complete additional sheets if necessary. )**

Component / material supplied	Coating formulation used	Means of compliance with VOC restrictions		
		VOC content <5% → SDS + supplier declaration	Less than 30g/m <sup>2</sup> applied → SDS + calculation*	30-60g/m <sup>2</sup> applied → SDS + calculation + proof of technical quality**

\*please fill out calculation sheet on the next page

\*\*please fill out calculation sheet on the next page **and** provide proof of compliance with minimum quality requirements for EN 12720, 12721, 12722 and 15186.

<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

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## Calculation sheet: 5.3 VOC content in paints, primers and varnishes

*to be completed by the Applicant or coated panel supplier, as appropriate*

## Calculation sheet: 5.3 VOC content in paints, primers and varnishes

*to be completed by the Applicant or coated panel supplier, as appropriate*

I, the undersigned, confirm that the following \_\_\_\_\_ (**enter coated product name**) solid wood panel / wood-based panel (**delete as appropriate**) complies with the limit of total VOC applied (in g/m<sup>2</sup> coated surface area) according to the calculations below.

Please note that the data is averaged and may vary slightly from one individual unit or product batch to another.

**If more than one coating substance is used, please repeat the calculation and add up the total VOC contents**

Requirement	Value	Unit
1: Total coated surface area per unit product		m <sup>2</sup>
2: The VOC content of the coating compound		g/L
3: The volume of coating compound present before the coating operation*		L
4: The volume of coating compound remaining after the coating operation*		L
5: The number of identical units processed during the coating operation		
6: Total area coated (=1x5)		m <sup>2</sup>
7: Total volume of coating compound used (=3-4)		L
8: Total VOC applied to surface (=2x7)		g
Total VOC applied per m <sup>2</sup> (=8/6)		g/m <sup>2</sup>

\* note that weight measurements can be used instead of volume so long as the density of the coating compound is known and accounted for in the calculation

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