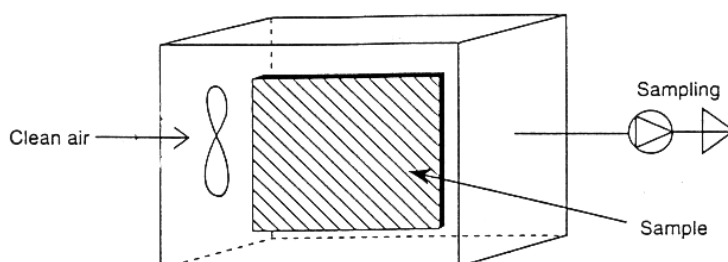


Determination of formaldehyde emission according to the ISO chamber method



Method	ISO/CD 12460 Wood based panels – Determination of formaldehyde release – Formaldehyde emission by the 1 m ³ chamber method (working draft 2004-03-31)
Chamber material	Inert material e.g. stainless steel
Chamber volume	1 ± 0.01 m ³
Sample area	1 m ²
Loading factor	1.0 ± 0.02 m ² /m ³
Edge sealing	1.5 m open edge/m ²
Conditioning	15 ± 2 days at 23 ± 1°C and 50 ± 5 %
Test duration	Measurements after 3 to 5 days, twice a day over a duration of 3-5 days.
Temperature	23 ± 0.5°C
Humidity	50 ± 3 %
Air exchanges	1.0 ± 0.05/h
Air velocity	0.1 – 0.3 m/s
Results in	Steady state (deviation < 5 % between last four measurements), average during last two days rounded up to the next 0.01 mg/m ³ reported in mg/m ³ .
Determination limit	0.005 mg/m ³