



TAINUO WOODS

Formaldehyde

What Is Formaldehyde?

Formaldehyde is an important ingredient in the adhesives used in plywood products. It is also found in many other commonly used products. Formaldehyde is a colourless strong smelling gas. Formaldehyde occurs naturally in the environment and is emitted by processes such as combustion and decay, and is emitted naturally by all timber species.

Emission Class	Formaldehyde Emission Limit (mg/l)	Formaldehyde Emission Limit (ppm)*
E0	Less than or equal to 0.5	Less than or equal to 0.041
E1	Less than or equal to 1.0	Less than or equal to 0.08
E2	Less than or equal to 2.0	Less than or equal to 0.16
E3	Greater than 2.0	Greater than 0.16

* Based on a test chamber volume of 10l, zero airflow during the 24hr test cycle, molecular weight of formaldehyde 30.03 and the number of microlitres of formaldehyde gas in 1 micromole at 101KPa and 298K.

Our Products

Currently, All of our products at least have an E1 rating,