



Formaldehyde: A misunderstood subject due to old fashioned ideas and out of date adhesives.

Formaldehyde is a chemical compound that exists in various forms and is a by-product of combustion and other inherent processes. It can be found in concentrations in so many things we buy this is why it is important to understand what it is. We are very conscious of our environment which is why we consider this is a subject for our web site that needs to be explained.

On a lot of our engineered floors we have a **“zero” formaldehyde emission** factor due to using the latest adhesives developed for the modern world with **no formaldehyde content**.

In fact 80% of our engineered floors now do not have any formaldehyde emission due to this policy.

However some specialist adhesives still need to use this within the formulae and if this is the case we are still better than most of our competitors. Our boards that do have this in the formulae have been tested to EN 717 – part one as below:

Formaldehyde: When tested to EN 717 – part 1 the release of formaldehyde in wood flooring construction materials must have a formaldehyde content of less than 3 parts per million.

Solid Wood Flooring boards tested to EN 717: part 1 achieve results of 0.014 mg / m³ which converts to 0.0053 parts per million.

PUTTING FORMALDEHYDE CONTENT INTO PERSPECTIVE:

Concerns regarding the formaldehyde content of building material and in particular wood flooring – are sometimes miss-understood.

Wood flooring does contain formaldehyde because formaldehyde is present in any adhesive (see above), but the amounts contained in the Dynea adhesives that we use are less than those that are naturally present in human blood!

Research in the UK seems to be limited but more can be found in the United States and the document linked below that was written in January 2015 by the Us Food and Drug Administration (FDA) appears to put the subject into context.

<http://www.fda.gov/BiologicsBloodVaccines/ScienceResearch/ucm349473.htm>

We hope this document helps you if you have concerns about any of our products as we have the lowest formaldehyde content **“Where we use it”** in today’s market.