

January 2007

## Certification:

### **PURBOND® products are absolutely formaldehyde-free**

The principle of 1-component PUR adhesives is based upon the reaction of isocyanate with moisture. During the chemical curing of PUR adhesives carbon dioxide gas is evolved, which may lead to the typical foaming. The hardening process is fundamentally different from the chemistry of the formaldehyde-based adhesives (UF, MUF, MF, PF, PRF).

Formaldehyde is neither a component in the formulation of our polyurethane adhesives, nor is it formed or liberated during curing, during use of the bonded construction components or during disposal at the end of their life cycle (incineration or rotting). Measurements by independent institutes show that PURBOND adhesives do not contribute additionally to any formaldehyde pollution already existing. They thus comply with the strictest standards for formaldehyde emissions such as JAIA F\*\*\*\* (Japan), GREENGARD (USA) and natureplus (Europe).



Dr. sc. nat. ETH Joseph Gabriel  
Entwicklungsleiter  
Purbond AG  
CH-6203 Sempach-Station  
Tel. +41 (0)41 469 6863  
Mobile +41 (0)76 491 3821  
joseph.gabriel@purbond.com