



■ BASF Group

Protection of wood-based materials



**Xyligen® Wolsit®
Diffusit® Wolsin®**

Reliable protection from wood-destroying fungi and insects



Picture: Dieffenbacher

Modern wood-based constructional materials are versatile, favourably priced and suited to a wide range of different applications. These materials, however, constantly face the potential risk of infestation by wood-destroying insects and fungi, leading to eventual decay.

Wood-destroying *Basidiomycetes*, such as brown and white rot, attack and degrade the Lignin and Cellulose in wood, which leads to serious reduction in the static strength of wooden structural components.

Wood staining *Ascomycetes* – Mould – normally do not reduce the strength of the material, but do render the wood useless for high-quality decorative applications, due to the discolouring effect. For hygienic reasons, infestation with ascomycetes is also a cause for concern.

Termites and other *wood-destroying insects* represent a great danger in many countries as they can be extremely destructive in a very short period of time.



Picture: Dieffenbacher

The Wolman products for the treatment of wood-based materials provide reliable protections against these dangers and completely fulfil all demands placed on them.

The perfect range of products to meet all demands

Whatever your requirements are, the Wolman range for treating wood-based materials provides optimum protection against infestation by wood-destroying fungi and insects. The perfectly balanced combination of active ingredients, which, even in the weakest concentrations, are highly effective, is the secret behind a product range which is able to meet all demands placed on modern wood preservatives.

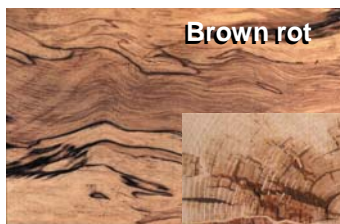
Preservative selection depends on the level of protection required, its compatibility with glue, and, in some cases, the kind of wood.

By applying the preservative in the glue-line addition process, the active substances can spread evenly through the material. The usual retention rates will not reduce the strength of the boards.

Overview of compatibility with urea, phenol and melamine resins and isocyanate glues.

Fungicides	UF	PF	MUF/MUPF	PMDI ¹⁾
Xyligen 25 F	+	+	+	
Xyligen 30 F	+		+	+
Diffusit SP	+		+	+
Wolsit F-SP – improved effectiveness in hardwood -	+	+	+	+
Insecticide / Termiticide				
Wolsit T	+	+	+	+
Mould Protection				
Wolsin FL-35	As mould only occurs on the wood's surface, timber and wood-based materials which undergo surface treatment with this product – e. g. spraying – are reliably protected against mould.			

1) To prevent the glue hardening too soon, we recommend the separate application of glue and preservative (by using separate jets, etc.)



The product benefits at a glance

- the treated material is reliably protected against fungi and/or insects
- the service life of the treated boards is increased
- the likelihood of rapid decay necessitating early replacement is greatly reduced
- good penetration qualities
- favourable environmental qualities
- registration of the Australian Quarantine and Inspection Service (AQIS) for Wolsit T-20 for the treatment of wooden packing materials, such as container floors of plywood

Technical Service

As demands increase, so does the complexity of our products. The need for advice is constantly rising, as is the demand for knowledge-intensive services. That's why our technical service team is constantly available to users of our products, not only to help them select the appropriate product but also to provide them with competent on-site assistance whenever it is needed.

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Use wood preservatives safely. Always read the label and product information before use.