



 **BASF** Group

Wolmanit® CX – Your First Choice in Wood Preservation



 **BASF**

The Chemical Company

Wolmanit® CX is a liquid wood preservative for use in industrial pressure-impregnation plants. It is used extensively in mainland Europe and the UK to protect timber from all forms of biological decay.

Wolman History

Dr Wolman GmbH is named after the man who founded it almost century ago. Throughout all of this time, Wolman has been synonymous with excellence in timber preservative systems. Originally designed to protect mining structures, Wolman's water-based preservatives and pressure treatment process were exported all over the world. Wolman continued as the primary researcher in this field, issuing many licenses for use of its fixating salt solutions. Later, as a manufacturer, Wolman became part of the world's largest chemical company, BASF. This synergy allowed Wolman to explore new developments in timber preservation, such as its patented molecule copper-HDO, the unique biocide that is found in Wolmanit® CX formulations.

Wolmanit® CX History

From as long ago as the 1960's, Wolman has defined itself by developing products with environmental optimisation at the forefront of design. Wolman's abilities as a chemical formulator along with its partnership with BASF have allowed the company to produce many products which amalgamate the dual benefits of high performance with low environmental impact. The Wolmanit® CX range was developed and commercialised in the 1980's. The products represented a revolutionary step away from chromium as a fixating agent. Today Wolmanit® CX is a first choice throughout much of mainland Europe when performance cannot be sacrificed. The range remains a first choice in many of the most highly regulated markets, such as Scandinavia where product quality and performance are rigorously tested.

Wolman in the UK

Wolman has had a full time operation in the UK since 2000. The operation is sited at the heart of BASF activities in Cheadle, Manchester, a centre for many of BASF's industrial businesses and an administrative and logistic hub. Wolman has used this synergy with its parent company to provide solutions to some of the UK's best know timber treatment companies. Wolmanit® CX has become the preservative of choice for well known primary saw millers, large garden products networks and fine fencing manufacturers. Customers have chosen Wolman based on a number of criteria. In some cases the main issue has been efficacy. In others, protection of metal fixings or stability in solution has been the key. For yet others durability of colour additives has been the deciding feature. Contact Wolman Division for details of UK reference customers.





Performance

Efficacy

Kilo per kilo, Wolmanit® CX shows excellent performance against wood destroying organisms when compared to a number of similar systems. The performance is not simply due to the active ingredients but to an optimised formulation designed to derive all possible effectiveness from the actives. For suggested concentrations, consult Wolman Division.

Penetration

Wolmanit® CX products are designed to penetrate deep into the wood fibres making a comprehensive barrier against attack. Wolmanit® CX-8 was designed to fulfil stringent penetration requirements in the Nordic markets and offers unsurpassed penetration qualities in its field.

Affinity

Wolmanit® CX products are designed to show a very high affinity to the wood substrate. This reduces leaching of actives in service and improves both the environmental profile and the life of the timber.

Usability

Corrosion

Wolmanit® CX-treated wood has been shown in independent tests to be less corrosive to mild steel than untreated spruce. Corrosion inhibitors in the product protect against problems but fixings used on timber should be of a good quality to withstand atmospheric effects. Wolman recommends hot-dip galvanised or stainless fixings for outdoor use. Wolmanit® CX preservatives are effective at protecting plant steel from corrosion.

Foaming

Wolmanit® CX products are true complexes? That is to say they work without the addition of large quantities of emulsifiers that serve to generate foam. This helps the treatment plant to run smoothly and improves the appearance and quality of treated timber.

Stability

The Wolmanit® CX treating solution is very stable. It works predictably and provides uniform distribution of the active substances in the treated timber. It is also a very clean solution in terms of how it runs in the treatment plant.

Water Hardness

Wolman employs a number of water softening substances in the CX formulations. This means that the products can be mixed with water that is considered quite hard – in excess of 20 degrees of hardness.





Colour systems

Timber that is treated with Wolmanit® CX will produce a familiar green colour that fades to a natural light brown tone. To enhance timber further, Wolman supply a range of colours designed to give a broad spectrum of options from dark brown to lighter more natural tones.

For example, Wolmanit® ProColor brown 2002 and 2005 are based on organic dyes formulated to allow uniform colour definition in full packs. The shade of colour achieved in each case can be altered by lowering or raising the concentration so that the user has control over the final aesthetic appearance.

Wolmanit® ProColor brown 4003 is a colour system based on pigments to not only provide a pleasing natural brown colour but to extend this colour well beyond that normally achieved with dye products. This durable colour can last for up to two years, dependent on UV exposure conditions. Where required, once the colour starts to fade it is possible to apply brush-on maintenance products such as WOLWAX® REFRESH Brown.

Wolman also supply yellow, green and even red dyes all tailored to any timber treaters request including bespoke colours to match corporate liveries!

Contact information

BASF plc – Wolman Division

Earl Road/Cheadle Hulme
Cheadle/Cheshire SK8 6QG

Tel: 0161 488 5329
info@wolman.de

www.wolman.de



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

This information and all further technical advice reflect our present knowledge and experience and is only valid in connection with the disclaimer for advertising material on our homepage www.wolman.de