

## Exterior Wood Protection

Soluble borax salt should not be used for exterior wood affected by water. For this purpose there is :

### Sehestedt's Primer Oil Preventing Mold and Blueing

A light oil (linseed oil: turpentine, 50:50%) for priming wood particularly before a coat of Exterior Glaze, Linseed Oil Varnish and Wood Oil Varnish (Yacht Varnish) is done to protect it from mold. Coniferous wood is so protected from blueing.

Ingredients: pure lacquer linseed oil, orange peel turpentine, isoaliphate, organo-borat. The active substance in the primer is an organo-borat, excellently protecting exterior wood against all mold. This boron preparation is not dissolved in water as borax or boron/salt-boron acid combinations but in primer oil and applied on the dry wood. The wood is then as usual protected against weathering with varnish or glaze.

Only with a moisture in the wood exceeding 20% a hydrolysis process will split the organo-borate into boron acid and so prevent a possible growth of mold. The disadvantage of the traditional borax preparation was that the wood had to be treated with water soluble borax which endeavoured to come up immediately to the wood surface. The organo-borate substance however is now fixed in the wood with linseed oil and will not be activated before it moistens. Unlike borax salt that tended to come up and be washed away from the surface of the wood the effect of boron acid is long lasting. "Unlike GB, Australia and New Zealand in Germany boron compounds have very little importance. They have not yet been able to replace fluorine salts, traditionally used in wood protection, despite their relatively low toxicity for Man and mammals and their excellent effect as preventive wood protecting salt. Due to their safeness boron preparations are not subject to any application restrictions." (Quotation: Leiß, On pollution of Man and Environment by Wood Protecting Active Substances in Impregnated Wood, Braunschweig, 1984).

Apart from mold this primer offers a limited protection against insects.

Permetrin used as wood insecticide has been called into question very much considering its harmfulness for Man. That is why we are offering Sehestedt's Neemoil Emulsion instead.

Exterior woods such as windows, doors, garden furniture, roof shingles i.e. all wood exposed to sun or rain must be treated subsequently with the following products: