

Wood Finishes

Wood, a versatile organic material, has been used for centuries for creating houses, vehicles, boats, furniture, floors, tools, toys and much more. Each piece of wood is natural and unique, with its own grain, colour and character. Since it is renewable and CO₂-neutral, wood is also environmentally friendly, with the lowest energy consumption score among housing materials. All these factors explain why it remains favoured in our modern world.



Functionality and final use will inform the choice of a coating to protect and beautify wooden surfaces. Taba Chemie's wide range of products for wood protection and decoration divides into four groups:

- 1) Coatings for interior application
- 2) Coatings for exterior application
- 3) Coatings for windows and doors
- 4) Coatings for wooden floors.

1. Coatings for interior application

High-quality furniture and cabinets will retain their looks and value when treated with appropriate coatings. The right product will draw out the special character and beauty of the wood and protect surfaces from physical impact, dirt and other forms of attack. This protection can be achieved with coatings specially formulated for interior furniture and specific applications, giving interior designers the freedom to take an imaginative approach to the use of wood. These products are primarily decorative in aim, but they also favour the preservation, protection and the function of the item. Taba offers a wide variety of products for interior application, including easily applicable products such as nitrocellulose primers, varnishes and enamels and more sophisticated formulations such as water-based primers and varnishes.



2. Coatings for exterior application

Coatings for outdoor application naturally need to be



more resistant to climatic influences. Wooden surfaces need to withstand attack from organic and inorganic agents. Organic damage to wood can be caused by fungus and mould or by insects such as wasps. Inorganic damage is primarily produced by sunlight, water and moisture. For instance, ultra-violet light breaks down lignin, the high molecular-weight wood polymer which reinforces the cellulose-fibre cell structure. Fungus attack is promoted by water and moisture, which also hinder adhesion to the wooden surface, potentially causing the coating to split. Finally, water can wash away lignin molecules that have been broken down by sunlight, thus reducing the density of the wood. Taba supplies outdoor coatings that are resistant to UV, humidity and moisture and to organic attack from fungus and insects.



3. Coatings for windows and doors

Wooden doors and windows are a must for high-specification houses and apartments. The flexibility offered by wooden surfaces offers designers the opportunity to play with forms and colours, creating harmony between various elements of the house.



Metal or aluminium doors and window frames, by contrast, create a cold, sanitary effect. With Taba's special formulations for wooden doors and window frames you can achieve a distinctive look while assuring weather stability and lightfastness.



4. Coatings for wooden floors

Like wooden doors and window frames, wooden floorboards and parquet provide the opportunity for designers and architects to create a warm, clean look for an interior. High-quality coatings provide wooden floorings with resistance to scratching and to other forms of damage, for instance from water and chemicals – notably cleaning products.

Taba Chemie can be your supply partner for your all your wood-coating requirements. We are constantly developing new products for use on wooden surfaces. For further information, please contact our sales department.