

POLISHING AND CLEANING OF NORDIC PRODUCTS

Copper has excellent atmospheric corrosion resistance. It becomes covered with a dark oxide film in normal atmospheric conditions (except Nordic Royal). The brown oxide and later turns to green patina forms on copper outdoors with a varying rate depending on where and how the surface is exposed. Copper doesn't need additional technical maintenance by time.

Cleaning of metallic surfaces: Nordic Standard, Brown, Brown Light, Décor, Royal, Bronze and Brass.

Grease and oily marks can remove by using low alkali washing agents even the acetone can be used. Washing agents including ammonia or chlorides should not be used.

For polishing of the oxidized copper there's lot's commercial polishing chemicals available in the market. 5% citric acid liquid is environmental and user friendly chemical when slightly oxidized surface want to polished.

Removing of the graffiti is challenging. The dark oxide layer will remove together with graffiti leaving bright area. Our recommendation is just wait and let natural oxidation process cover bright area with new layer of dark oxide. There's certain copper darkener chemicals on markets. The use of those may cause constant colour difference between naturally oxidized and chemical treated area.

Cleaning of the patinated surfaces: Nordic Green and Nordic Blue all finishes.

Grease, oily marks or graffiti may cause problem for patinated surfaces. These are hard to remove owing to the innate characteristics of patina, such as porosity. Patinated surfaces can be gently washed with soap water and cloth. High pressure and temperature should be avoided not to detach the patination from copper. If it is not possible to clean the surfaces by any other means, the damaged patina remove and then post-patinate with a patination agent.