

POLIGRAT-PRODUCTINFORMATION

POLINOX US

Sprayable Pickling Agent



Properties and effect

POLINOX US is a sprayable pickling agent for the efficient and economic treatment of large areas without having to treat them by immersion.

POLINOX US is suitable for the cleaning, pickling and passivation of austenitic Cr/Ni-steels as well as ferritic and martensitic Cr-steels. Tarnish and ferritic impurities are reliably removed re-establishing full corrosion resistance. POLINOX US can also be used for the pickling of aluminium.

POLINOX US is free from nitric acid and hydrochloric acid and their salts. The hydrofluoric acid content is under 0,5%, which classifies POLINOX UP as corrosive but not toxic. During the application of POLINOX US no dangerous nitrous gases are released. The rinse water is free from nitrate and nitrite.

POLINOX US intensively cleans stainless steel with a mild pickling effect without severely attacking the material. The surface finish and shininess of the surface is largely retained which makes POLINOX US particularly suitable for the treatment of valuable, decorative visible surfaces. The treatment of aluminium results in a metallicly shiny surface with an even satin finish.

Application

POLINOX US is applied onto the surface to be treated which must be fat-free and dry using a spray, brush or roller. The use of a POLINOX Spray Pickling unit ensures economic use through the formation of a continuous, uniform, thin adherent film. Before application the pickling mixture has to be thoroughly mixed in order to create a homogeneous mixture of the thickening agent with the liquid.

POLINOX US can be used at temperatures between 10°C and 30°C.

The treatment time varies between 30 to 180 minutes depending on the type of material, the surface condition and the surface temperature. It is unproblematic to increase the time. POLINOX US is left on the surface even to overnight, without any problems when rinsing after application. The consumption is 0,3 to 0,7 kg/m² depending on the layer thickness of application and the grade of discoloration..

After pickling the surfaces are thoroughly rinsed with water. During the application the working instructions have to be followed and protective clothing and safety goggles have to be worn. The rinse water is strongly acidic and contains metals dissolved in the pickling process. It has to be disposed of according to the statutory laws and regulations.



Supply

Packaging unit:

- Single-use canister 30 kg

Your advantage

- no over pickling (no risk of pickling damage)
- cleans natural and anodized Aluminum as well
- non-toxic