

# istruzioni d'uso

## TECHNICAL DATA

### PASSIVANT P 2000 - PASSIVANTS FOR STAINLESS STEEL

#### Environmentally friendly passivating liquid for austenitic steels

Passivant P 2000 is an innovative liquid solution based on citric acid, **free of nitric acid** and fully compliant with ASTM 967. This environmentally friendly passivating agent for stainless steel is designed to **improve corrosion resistance** and, after an appropriate pickling process, **restore the thin protective chromium oxide film** typical of 300 series stainless steels.

#### PRODUCT FEATURES

- **Low environmental impact:** P 2000 is a product with a low environmental impact. Its use avoids the accumulation of nitrates in wastewater and helps reduce NOx in sucked vapors;
- **Efficacy:** can also be used for the removal of residual stains and halos following electropolishing treatment.

#### INSTRUCTIONS FOR USE

Passivant P 2000 must be diluted with water at a proportion of 1:1.

- **PREPARATION:** clean the surface with a high quality liquid degreaser to remove any traces of oil and grease;
- **TEMPERATURE:** heat the product using PTFE (Teflon) heating elements and use the product between 30°C and 70°C;
- **APPLICATION:** passivation can be carried out by immersion in tanks of material such as PP, PVC or stainless steel, or by spray application;
- **TREATMENT DURATION:** the duration of treatment varies according to temperature:
  - for temperatures from 30°C to 50°C: 20 minutes;
  - for temperatures from 50°C to 60°C: 10 minutes;
  - for temperatures from 60°C to 70°C: 4 minutes.

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- **RINSING:** carry out thorough high-pressure washing with demineralised water for best results.

## PRECAUTIONS FOR USE

To ensure maximum safety when using the product, we recommend wearing the necessary PPE and scrupulously following the instructions in the safety data sheet.

## WASTEWATER DISPOSAL

Please note that spent products and wash waters generated by pickling and passivation processes cannot be discharged directly into the sewage system.

For proper disposal Delmet can provide manual and/or automatic equipment for this type of treatment, including DPG and DPP20.

## AVAILABLE FORMATS

Passivant P 2000 is available in two formats:

- Passivant P 2000 liquid, **10 kg package** (Product Code: PC00053)

Passivant P 2000 liquid, **1000 kg package** (Product Code: PC00052)

Not what you're looking for? Check out Delmet's entire line of [passivators](#) products!