

Passivator 601

A traditional nitric acid based, well-proven passivator

Avesta Passivator 601 is intended for use after mechanical de-scaling treatment of stainless steel such as grinding, polishing and blasting. These processes leave a surface which, because of remaining grinding dust and iron particles, is sensitive to corrosion. The product also restores the protective chromium oxide layer.

Standard applications

Avesta Passivator 601 is intended for a wide range of industrial passivating applications such as passivation after pickling or passivation after grinding, brushing, blasting or other mechanical treatments.

Avesta Passivator 601 contains nitric acid. To improve safety and minimize the environmental impact, we also suggest the use of our acid-free FinishOne Passivator 630.

Features

- Accelerates rebuilding of the protective layer of chromium oxide.
- Removes surface contaminants and iron particles from stainless steel surface.

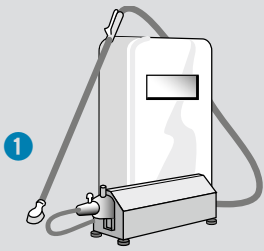
Surface restoration

Avesta Cleaner 401 can be used together with Avesta Passivator 601, which helps regenerate the protective layer in the stainless steel by speeding up the natural passivation process.



Avesta Passivator 601 effectively rebuilds the protective layer of chromium oxide.

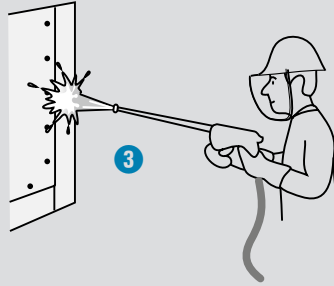
Instructions for use



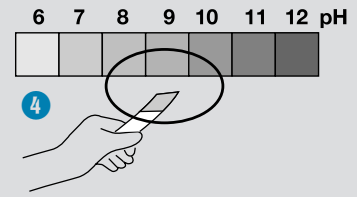
1. Apply the Passivator with a brush, by spraying or dipping.



2. The recommended working time is 20–30 minutes at room temperature.



3. Rinse thoroughly with water.



4. Treat the waste water before discharge in accordance with local regulations. Check the pH-value with litmus paper.

Packaging

Avesta Passivator 601 is supplied in 28 kg and 1100 kg IBC polyethylene containers.

Storage

Avesta Passivator 601 should be stored indoors at room temperature. Containers must be kept properly closed, in an upright position and inaccessible to unauthorized persons.

Worker safety

Protective clothing. In general, users should wear acid-resistant overalls, gloves and rubber boots. Face visor should be used and, if necessary, suitable respiratory protective devices.

Special conditions may apply from one country to another. Consult our website where updated Safety Data Sheets can be found.

Waste treatment

The waste water produced when passivating with Passivator 601 contains acids and should be treated with Avesta Neutraliser 502 or with slaked lime to a pH-value of 7–10 before discharge.

Empty containers (HDPE) must be cleaned and can then be recycled according to local regulations.

Other information

For more information, please visit our website: www.avestafinishing.com, where you can find Safety Data Sheets and other useful information.



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