

Lasting Connections

FINISHING CHEMICALS FOR STAINLESS STEELS



LASTING CONNECTIONS

As a pioneer in innovative welding consumables, Böhler Welding offers a unique product portfolio for joint welding worldwide. More than 2000 products are adapted continuously to the current industry specifications and customer requirements, certified by well-respected institutes and thus approved for the most demanding welding applications.

Our customers benefit from a partner with

- » the highest expertise in joining, rendering the best application support globally available
- » specialized and best in class product solutions for their local and global challenges
- » an absolute focus on customer needs and their success
- » a worldwide presence through factories, offices and distributors

MATCHLESS IN STAINLESS

Böhler Welding weldCare is a leading producer of superior pickling products for stainless steels and special alloys. For over 50 years Böhler Welding weldCare has worked closely with leading producers of stainless steel and offers extensive knowledge and a wide range of finishing chemicals:

- » Pickling Gels
- » Pastes
- » Sprays
- » Liquids and
- » Cleaning agents.

Using weldCare Finishing Chemicals will restore the surface and return stainless steel to its original look. Stainless steel retains its beautiful finish thanks to a protective layer that forms on the surface. The products help to maintain or restore this protective layer and help customers around the world in their daily work of creating a superior stainless steel surface.

Our products are made in Malmö, Sweden, in our own modern, automated process plant. All products have full traceability from raw material to finished product, which gives us total control of the product quality. Our quality and environmental management systems are certified according to the ISO 9001 and ISO 14001 standards.

COMPLETE RESTORATION OF STAINLESS STEEL

Products for all steps in the post-weld and surface treatment of stainless steel

We help you restore stainless steel

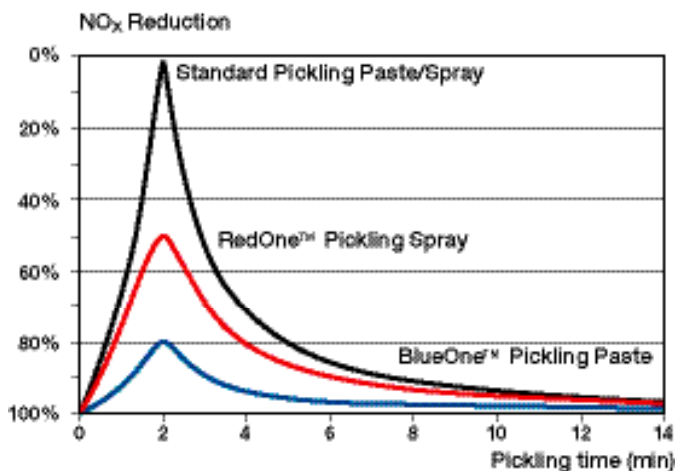
Stainless steel retains its beautiful finish thanks to a protective layer that forms on the surface. Our products help customers around the world in their daily work of creating a superior stainless steel surface. Pickling of stainless steel is the technically superior method to obtain the best corrosion resistance.

Longer Lasting

Our pickling pastes and sprays are highly effective and can be used in thinner coats than many other pickling products. Thanks to the colour and consistency of the products, they reduce consumption – already treated surfaces and residues left after rinsing are easily recognized. The result is lower consumption per running metre of welded joint or per square metre of treated surface.

Fume reduction during pickling

The toxic nitric fumes generated during pickling have a number of harmful effects on health and environment. By using modern pickling products such as our BlueOne™ pickling Paste 130 and RedOne™ Pickling Spray 240, the toxic fume levels can be reduced by up to 80%.



PRE-CLEANING, PICKLING, PASSIVATION AND MAINTENANCE

BlueOne™ Pickling Paste 130

BlueOne™ Pickling Paste 130 is patented worldwide and is especially intended for brush pickling of weld seams and smaller surfaces. It offers a perfect paste consistency that gives good adhesion to difficult surfaces and reduces the risk of splashing.

RedOne™ Pickling Spray 240

RedOne™ Pickling Spray 240 is intended for most applications and is suitable for pickling larger surfaces. It has a thixotropic consistency, which makes it stick to the surface and hence facilitates the application even in difficult positions. The product is specially developed to reduce emissions and consumption.

Pickling Bath 302

Pickling Bath 302 is recommended for immersion pickling of small objects and for pickling surfaces that are time-consuming to brush or spray pickle. It can also be used for circulation cleaning of pipe systems. To optimize the performance and the cost efficiency of the bath, chemical analyses are crucial. We have the know-how to help you.

FinishOne Passivator 630

FinishOne Passivator 630 contains no nitric acid, is pH-neutral and can be used at room temperature. It also improves the pickling result and diminishes the risk of discoloured surfaces after pickling. In general it offers good results and is suited to a wide range of industrial applications.

Cleaner 401

Superficial rust, grease and lime deposits can occasionally appear on any stainless steel surface. Cleaner 401 will eliminate these spots with ease, restoring the surface and returning your stainless steel to its original finish. Cleaner 401 is used both for maintenance and pre-cleaning.

Alternative products

BlueOne™ Pickling Paste 130, RedOne™ Pickling Spray 240, Pickling Bath 302, Cleaner 401 and FinishOne Passivator 630 cover most needs and can be used for most applications. For special cases we have alternative products. Contact us to find out more.



BlueOne™ Pickling Paste 130



RedOne™ Pickling Spray 240



Pickling Bath 302

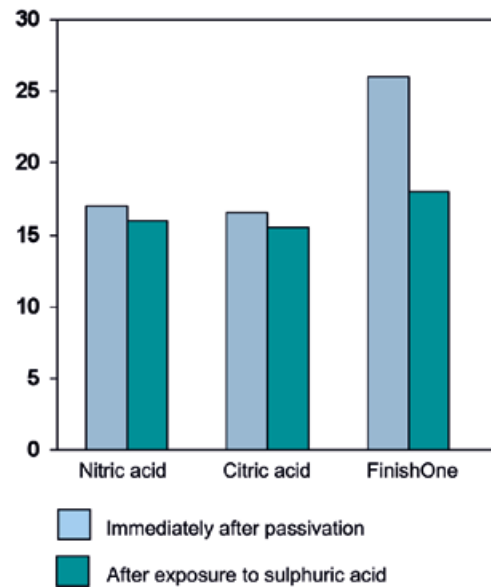
UNRIVALLED EXPERIENCE AND KNOW-HOW

For over 50 years we have worked closely with leading producers of stainless steel. We know how to keep steels stainless. The products are applied and work in a way that introduces no mechanical damage that can weaken the protective layer of the stainless steel. All our products are well-known, easy to use and have established an impeccable reputation. Start using them now and be absolutely confident that they will solve your problem and restore the surface and return your stainless steel to its original lustrous look, feel and finish.

OUR OWN MANUFACTURE

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XPS – Passive layer thickness





JOIN! voestalpine Böhler Welding

We are a leader in the welding industry with over 100 years of experience, more than 50 subsidiaries and more than 4,000 distribution partners around the world. Our extensive product portfolio and welding expertise combined with our global presence guarantees we are close when you need us. Having a profound understanding of your needs enables us to solve your demanding challenges with Full Welding Solutions - perfectly synchronized and as unique as your company.



Lasting Connections – Perfect alignment of welding machines, consumables and technologies combined with our renowned application and process know-how provide the best solution for your requirements: A true and proven connection between people, products and technologies. The result is what we promise: Full Welding Solutions for Lasting Connections.



Tailor-Made Protectivity™ – The combination of our high-quality products and application expertise enables you to not only repair and protect metal surfaces and components. Our team of engineers, experienced in your specific applications, offer you customized solutions resulting in increased productivity for your demanding challenge. The result is what we promise: Tailor-Made Protectivity™.



In-Depth Know-How – As a manufacturer of soldering and brazing consumables, we offer proven solutions based on 60 years of industrial experience, tested processes and methods, made in Germany. This in-depth know-how makes us the internationally preferred partner to solve your soldering and brazing challenge through innovative solutions. The result is what we promise: Innovation based on in-depth know-how.

The Management System of voestalpine Böhler Welding Group GmbH, Peter-Mueller-Strasse 14-14a, 40469 Duesseldorf, Germany has been approved by Lloyd's Register Quality Assurance to: ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007, applicable to: Development, Manufacturing and Supply of Welding and Brazing Consumables. More information: www.voestalpine.com/welding



