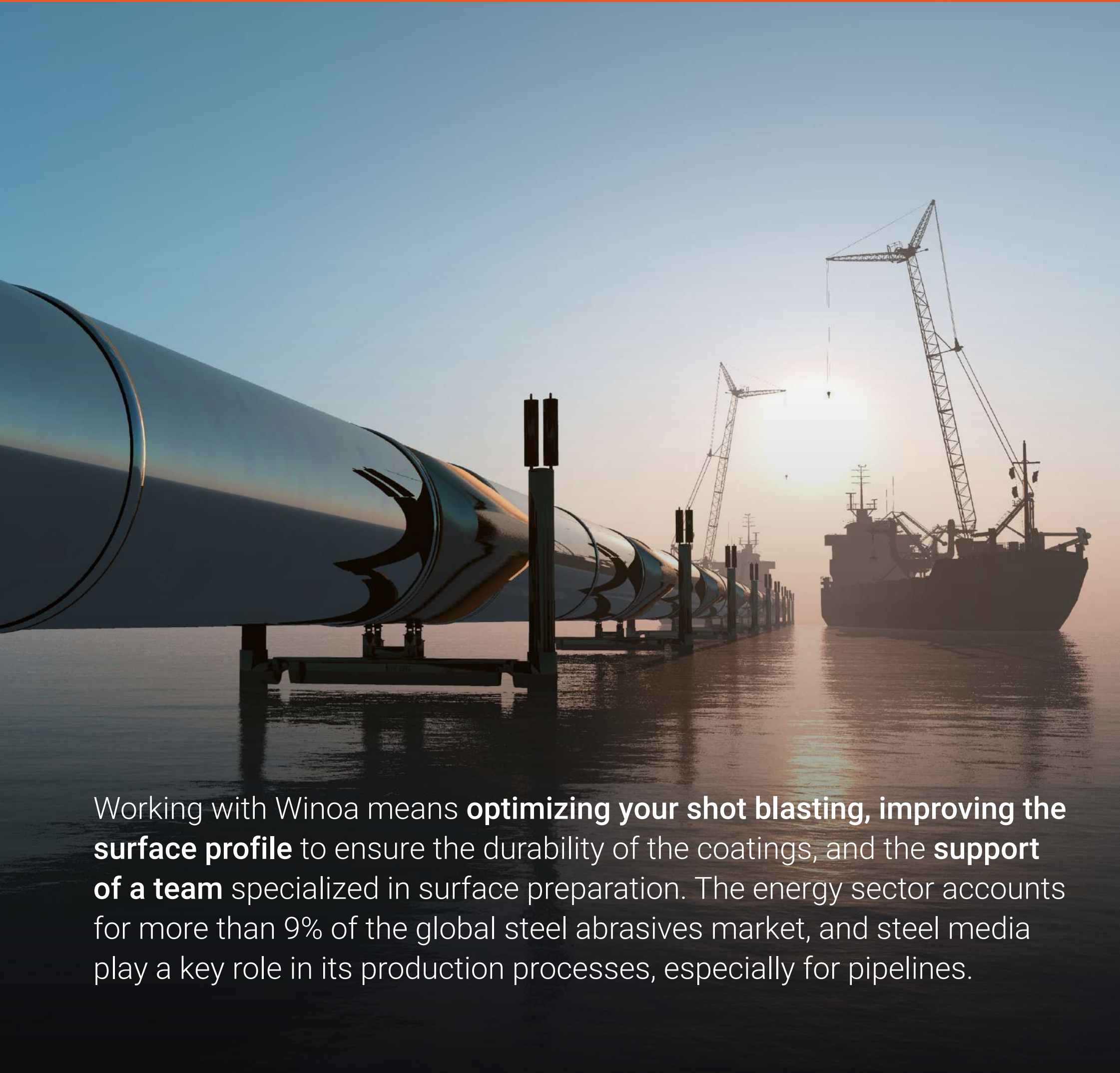


PIPELINE



Working with Winoa means **optimizing your shot blasting, improving the surface profile** to ensure the durability of the coatings, and the **support of a team** specialized in surface preparation. The energy sector accounts for more than 9% of the global steel abrasives market, and steel media play a key role in its production processes, especially for pipelines.

Benefits

Customized solutions for surface preparation before coating of pipelines

- Increased cleaning rate & reduced consumption thanks to an unrivalled quality/cost ratio
- Improved blasting efficiency achieved by a more stable operating mix
- Reduced coating's consumption due to a better uniform profile consistency.

Extremely low conductivity abrasive range for minimal surface contamination

- Reduce risk of soluble salts (chlorides and sulfates) contamination.
- All our Premium plants use a unique Air quenching manufacturing process minimizing presence of soluble ionic species versus water quenching process used by our competitors.

Potential effect on steel of competitive abrasives with high chloride content:

- Steel corrosion initiation
- Osmotic blistering

Applications

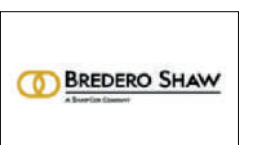


Descaling Shot blasting Stainless

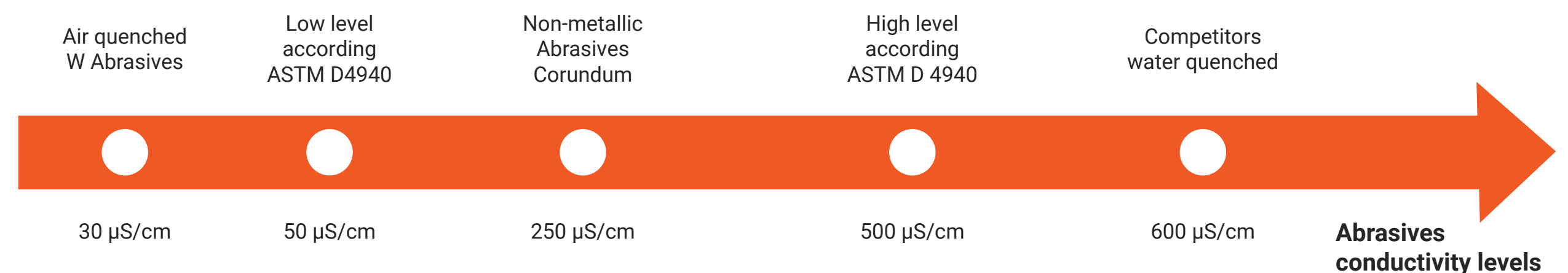
Duplex pipe Quality control

Osmotic blistering from high chloride levels

References



Water soluble ionic contamination of abrasives



PIPELINE

W Abrasives

With the creation of innovative products dedicated to the pipe coating industry, W Abrasives has positioned itself as the leading brand in this market. Several high-performance alternatives to standard shot and grit both in terms of efficiency and surface quality have been specifically developed. Used in wheelblast or air jet equipment, these «Premium» products provide increased performance while reducing dust contamination and consumption.

Profilium

Ready-to-use operating mix for surface preparation in air-blasting

Profilium is a high performance alternative to expendable or even standard metallic abrasives commonly used in surface preparation for pipelines, both in terms of efficiency and surface quality. American, Russian, Danish customers use this dedicated Premium product to increase their efficiency and reduce their blasting cost at the same time.

Surfium

High performances grit for surface preparation in energy sector

SURFIUM is specially designed for the Energy sector and specifically for OCTG and for surface preparation before coating.

This 100% grit

was developed to provide the best compromise between surface profile and abrasive consumption. Its specific hardness guarantees a stable surface profile and reduces dust levels.

Stelux

The high performance alternative to standard metallic abrasives

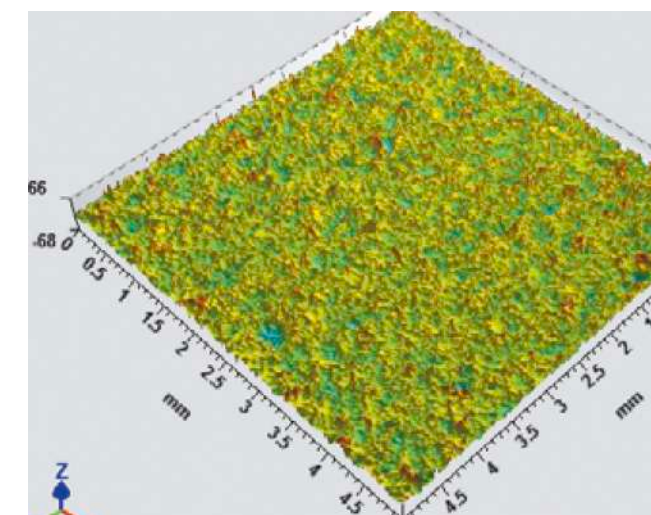
Stelux, stainless steel shot & grit abrasive, is for surface cleaning, preparation and finishing of non-ferrous metals, stainless steel castings or forgings, as well as granite and marble. STELUX is provided in three different grades: C (chromium based stainless steel shot), CN (chromium - nickel based stainless steel shot) and CG (chromium based stainless steel grit).

W Tech



WA Clean

Unique cleanliness measurement tool to optimize blasting costs – ISO Certified



WA 3D

3 dimensional roughness analysis to follow-up on quality and finish operations

W Care

Consulting

We team up with you to offer customized advice to improve blasting parameters. We audit your process and equipment to propose adapted solutions.

Testing

Whether it is for a new process or solve a specific problem our expertise is at your service to find the right solution without disrupting your production line.

Training

We help you to increase your knowledge on blasting processes and operations through on-site and practical trainings tailor made according to your needs.

Optimization

Through operational, mechanical checks of your systems and results measurement on your products, we help you increase your efficiency while reducing your costs.

Maintenance

We maintain, repair and service your equipment with scheduled interventions. Our services also include parts replacements and annual service contracts.