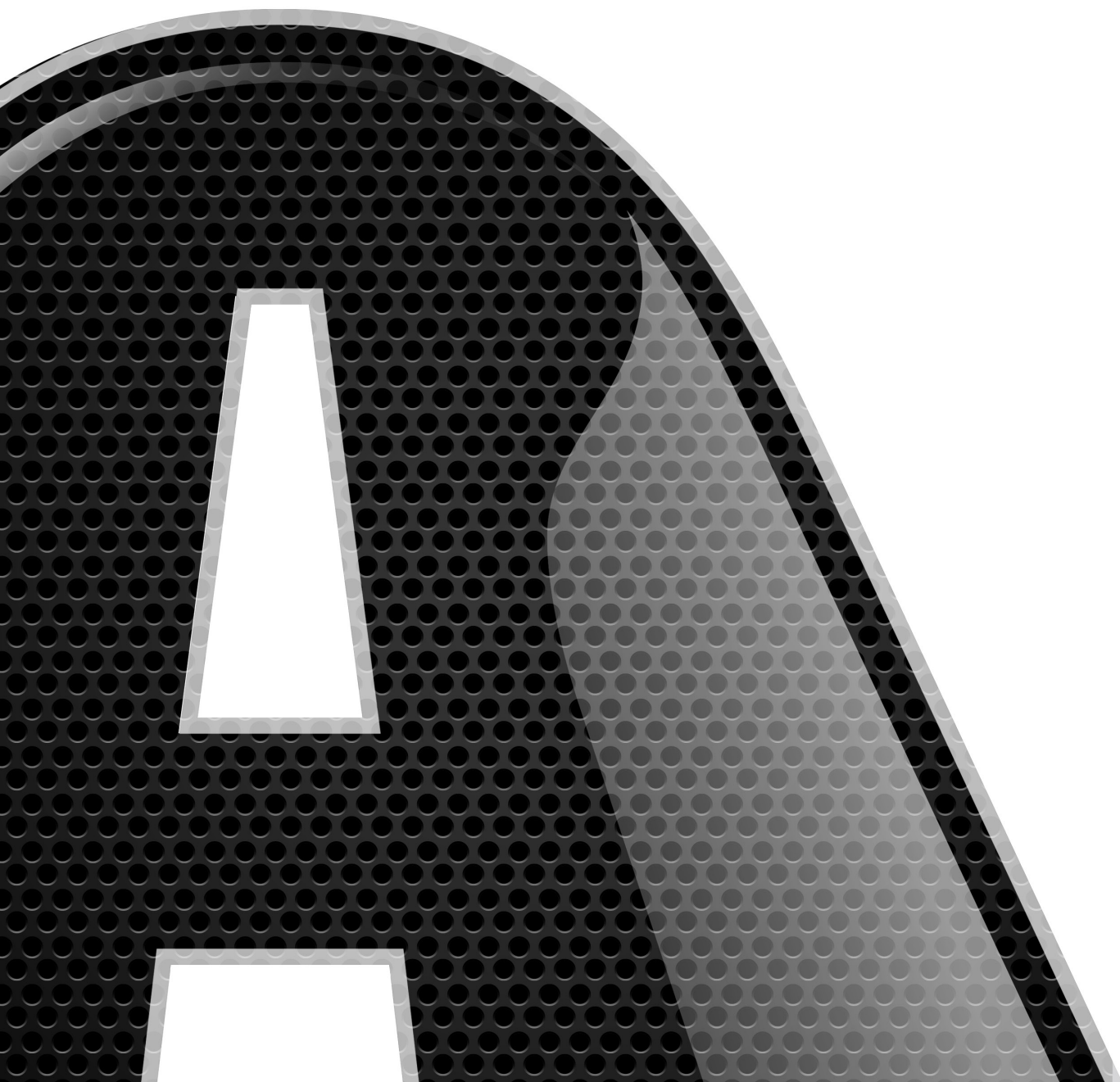


AN AXALTA COATING SYSTEMS BRAND



Abcite™

The ideal coating solution for superior corrosion protection

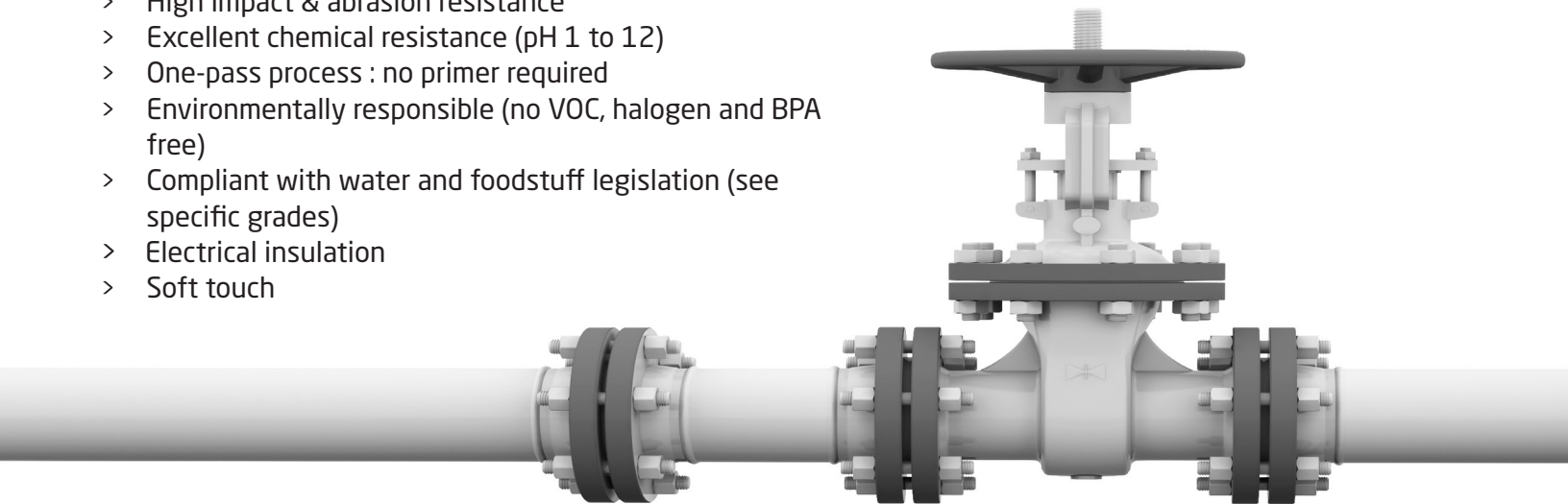


Thermoplastic coatings that start tough, stay tough.

Abcite™ engineered thermoplastic powder coatings are designed for toughness and chip resistance without a primer. They provide excellent corrosion protection and weathering resistance and can be sprayed electrostatically or fluid bed dipped. They're tough enough for lasting performance in a wide variety of aggressive industrial environments and exterior applications, including outdoor furniture, light poles, sign posts, playground equipment, offshore vessels, railings and stairways, fencing, cable grids, battery trays, water transportation pipes, valves and fittings and perforated steel.

Outstanding features

- > Superior corrosion resistance
- > Excellent adhesion to steel substrates
- > High impact & abrasion resistance
- > Excellent chemical resistance (pH 1 to 12)
- > One-pass process : no primer required
- > Environmentally responsible (no VOC, halogen and BPA free)
- > Compliant with water and foodstuff legislation (see specific grades)
- > Electrical insulation
- > Soft touch



Benefits :

- > Easy to clean
- > Resistant to bacterial growth
- > Noise dampening

How it works

Abcite powders are made from engineered polyolefin - based polymers combining different functionalities:

- Superior adhesion to many substrates
- Tough and flexible down to -60°C
- Unchanged protection after exposure to UV and many chemicals

So simple but true!

Abcite is a thermoplastic powder which melts on a pre-heated metal substrate to form a hard, yet flexible, coating. Unlike traditional thermosetting powders, no curing step or primer is needed. Abcite simply melts onto the surface to provide adhesion. When the coating has cooled, the process is complete.

Application Methods

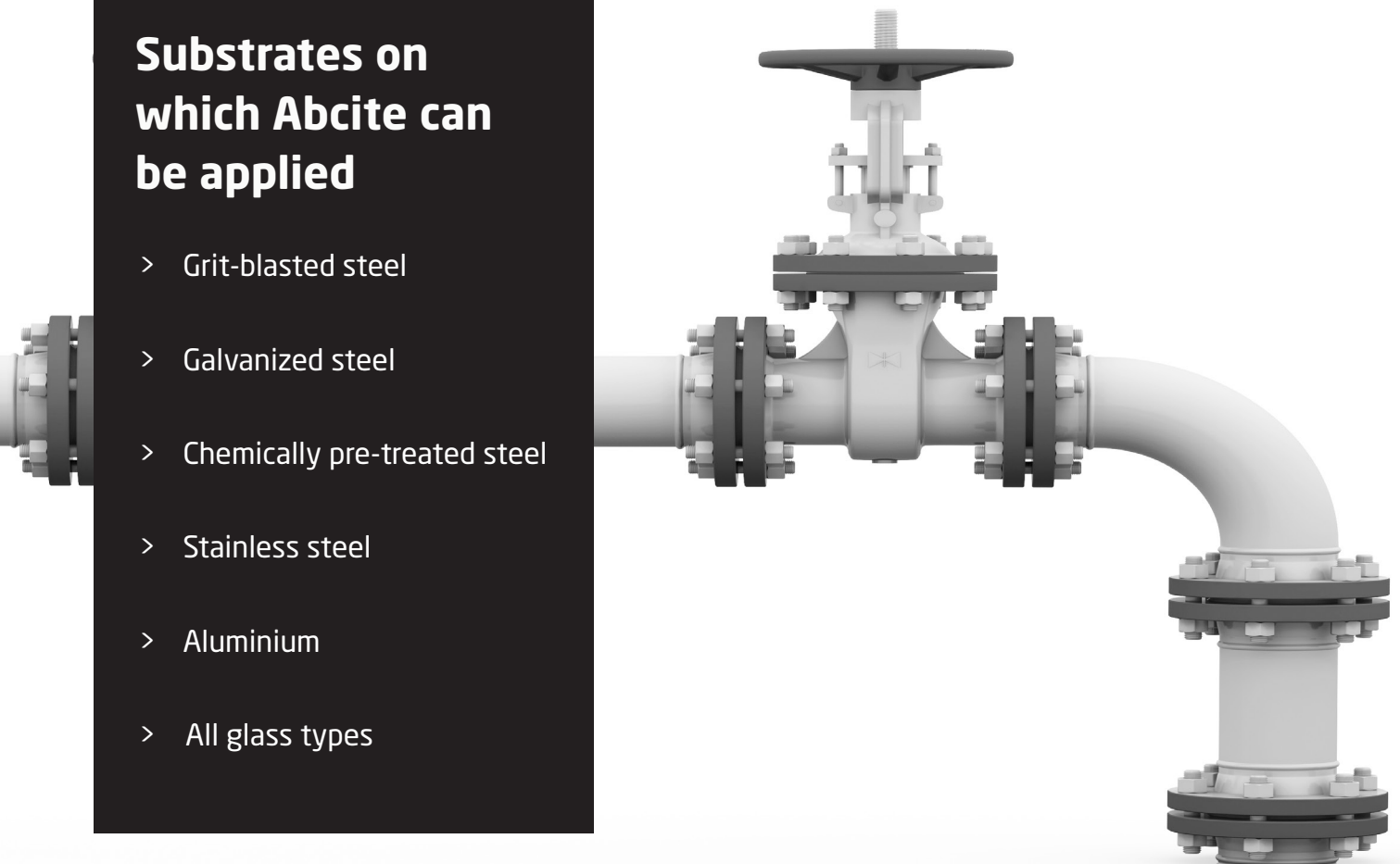
- > ES Spraying
- > Flame Spraying
- > By Dipping (fluid bed)

Typical applications

- > Water infrastructure (piping, valves, filters, fittings)
- > Marine & offshore
- > Transportation
- > Outdoor (fences, furniture/ benches, lamp posts, playgrounds)
- > Shattering protection for glassware

Substrates on which Abcite can be applied

- > Grit-blasted steel
- > Galvanized steel
- > Chemically pre-treated steel
- > Stainless steel
- > Aluminium
- > All glass types



Proven performance

External tests prove that Abcite meets or exceeds global corrosion, drinking water and food standards, including:

- > ISO 12944 part 6, C5-M and Im3 performance level: High (>15 years)
- > ISO 20340 (Category C5-M) for offshore applications

These tests have confirmed that a single layer of Abcite provides the corrosion protection level usually achieved by a three to five layer liquid paint system.

Other approvals for specific applications and countries available upon request.



Sales Offices

Axalta Polymer Powders Sarl

25 rue Saint Joseph
CH-1630 Bulle
Switzerland
Tel. +41 26 913 09 00
www.polymerpowders.axaltacs.com

France

Z.I. de la Croix Meyssant
BP 33 - Savigneux
42601 Montbrison Cedex
France
Tel. +33 4 77 96 70 00

Germany, Benelux and Central Europe

Horbeller Strasse 15
50858 Köln
Germany
Tel. +49 2234 6019 3440

Russia

Krylatskaya 17, Block 3
124614 Moscow
Tel. +7 495 797 22 00

UK, Ireland

Whessoe Road, Darlington
UK - DL3 OHX
Tel. +44 1325 347 000

Sweden, Denmark, Finland and Baltics

Box 520
SE - 593 25 Västervik
Tel. +46 490 66200

China

163 Yongjia Road
Huizhou District
Huangshan City
245900 China
Tel. +8621 60203666

United States of America

9800 Genard Road
Houston, TX 77041
Tel. 800 247 3886

Latin America

Mamonal Km 13 ZoFranca Bodega 13
Cartagena de Indias
Bolivar, Colombia
Tel. +018 000 515 060

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About Axalta.

Axalta Coating Systems is a leading global provider of liquid and powder coatings to automotive, transportation, general industrial and selected architectural and decorative customers. Axalta Coating Systems will continue to build on over 145 years of experience in the coatings industry.

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