

Abcite[®]

Outdoor furniture



Tough coating for all weather conditions

Enhanced corrosion protection for outdoor furniture, lighting columns, sign poles, benches and fences.

Urban furniture is extremely vulnerable to corrosion caused by acid rain, air pollution, road salt, high temperature variations, condensation and, in cities and towns, dog fouling. Damage is even more severe at sea side, where sun, salt, wind and humidity attack the metal very aggressively.

The lower part of furniture is particularly exposed to salt and dog fouling - and must withstand higher mechanical stress as well.

Once corrosion starts, it is virtually impossible to stop. Replacing the asset is the only alternative to prevent its eventual collapse, **unless you protect it from the beginning with Abcite®!**

Abcite® is the solution!

- Superior corrosion resistance: C5-M and Im3 High according to ISO 12944-6
- High impact and abrasion resistance
- UV stability
- Excellent chemical resistance (pH 1 to 12)
- Protects galvanized substrates from erosion
- Soft touch
- One-coat process: no primer required
- Environmentally friendly (no VOC, halogen free, BPA free)
- On site repairable
- Can be overcoated with Alesta® powder coatings for decorative purposes

Benefits

- Maintenance free over the entire product lifetime
- Resistant to all climate conditions
- Color stability over time
- No corrosion, even on damaged furniture
- Easy to clean, even graffiti
- Prevents bacterial growth
- Electrical insulation
- Noise reduction





Product features

Abcite® 1060 / Abcite® X60

The toughest solution

Abcite® 500 / Abcite® 500ES

The best price / performance alternative

Film thickness	Min. 300 µm	
External application - weathering resistance	Yes	
Service temperature	From -60°C to 75°C	
Application method - on preheated surface	Spraying Abcite® X60 - 500ES 	Fluidized bed Abcite® 1060 - 500 
Overcoating with decorative powder possible	Yes	
Colors	Blue RAL 5012 and RAL 5017 Green RAL 6005 Grey RAL 7001 and 7016 Black RAL 9005 White RAL 9016 Other colors upon request	Beige RAL 1001 Blue RAL 5017 Green RAL 6005 Grey RAL 7001 and 7016 Black RAL 9005 Stainless steel RAL 9006 White RAL 9016 Other colors upon request
Long term durability of coated product	Active references in use for more than 20 years without any maintenance	

For thin steel and aluminum profiles combining different strengths or thicknesses, we recommend Abcite® 545 / Abcite® X45: the specific viscosity of this product allows to evenly cover all difficult parts and designs.



1996



2014



Noordbrug Kortrijk Bridge



before



after



Göteborg Energi cable cabinets

Abcite®, a proven solution for more than 20 years

1 Still looking new after almost 20 years

This 80 meter-long and 180 centimeter-high fence in Antwerp was coated with Abcite® in 1996 and looks brand new, still today! No maintenance, no damages, no corrosion for almost 20 years!

2 The most effective long term solution

In 2010, the welded grilles of the Noordbrug Kortrijk Bridge (Belgium) were protected by Abcite® X60. Abcite® was the most competitive and effective long term solution compared to the originally specified liquid paint alternative with 4 layers!

3 A rejuvenating cure for your assets

In 2011, these old and highly corroded benches started a new life with Abcite®.

4 Maintenance free corrosion protection for outdoor devices in extreme environments

Abcite® X60, the high performance and maintenance free anti-corrosion protection was selected by Göteborg Energi to protect cable cabinets delivered by ABB Kabeldon. The cabinets must withstand salt-laden air of the waterfront, rain, wind, snow clearance, temperature fluctuations, vandalism, etc. A reliable corrosion protection was consequently a major criteria for the good maintenance of the system.



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