Abcite®
Water Infrastructure
Durable and sustainable corrosion protection

**Abcite** provides enhanced surface protection for:
- Pipes, fittings, filters, flanges, valves and tanks in contact with water and waste liquids
- Pumping stations, distribution systems, desalination plants, waste water treatment plants, etc.

**Safe and clean**
- Free of all bisphenols, VOCs and halogens
- No PVC, no phthalates, no plasticizers
- Preserves water quality
- Controlled, tested and certified to the most stringent standards for contact with potable water

**Maintenance-free for reduced costs and extended service life**
- Impermeable barrier, even in case of permanent immersion or condensation
- Durable adhesion to steel, even in hot water
- Not affected by sea water or most chemicals present in wastewater
- Excellent chemical resistance to usual water disinfection agents
- Reduced bacterial growth and fouling
- Superior resistance to cavitation and abrasion
- Reduced friction loss

**Simple and robust**
- Coat interior and exterior in one step
- Spray or dip in fluidized bed on preheated steel
- No primer, self-adhering monofilm
- Lower process temperature than nylon coatings
- Excellent edge and corner coverage
- Outstanding impact resistance preventing handling damage
- Easy repair of coating defects
Abcite®, a proven solution for more than 20 years

- Replacing epoxy coatings since 1995 in major potable water plants in Belgium (De Watergroep, AWW, Farys, Pidpa, Vivaqua).
- Kwinana desalination plant, supplying the Perth metropolitan area (Australia) with 140'000 m³ drinking water per day using reverse osmosis. Abcite® X60 is used since 2006 to protect pre-filters.
- Swimming pool in Antwerp Belgium: handrails, balustrade and steps protected with Abcite® X60 since 2010.
- Abcite® 1060 protects pipes and accessories on dredging ships since 1999 (DEME, Boskalis, Van Oord).

Voice of the customer

Ing. Jos Robeyns
Head of material technology department at De Watergroep, Brussels (Belgium):

“We have adopted Abcite® 1060 and X60 since 2001 for water supply systems, including potable water production plants, water towers, tanks and distribution stations, with full satisfaction.

In addition to its excellent abrasion resistance and high electrical insulation, this tough coating can absorb all inevitable impacts occurring on construction sites and prevent installation damage.

The first systems coated 14 years ago are still intact today, which demonstrates the outstanding durability of this coating.”

Abcite® 1060 / Abcite® X60

<table>
<thead>
<tr>
<th>Product features</th>
<th>( \text{Abcite}\text{® 1060 / Abcite}\text{® X60} )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Film thickness</td>
<td>Min. 300 µm</td>
</tr>
<tr>
<td>External application - weathering resistance</td>
<td>Yes</td>
</tr>
<tr>
<td>Application method - on preheated surface</td>
<td>Spraying Abcite X60, Fluidized bed Abcite 1060</td>
</tr>
<tr>
<td>Overcoating with decorative powder possible</td>
<td>Yes</td>
</tr>
<tr>
<td>Colors</td>
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<td>Active references in use for more than 20 years without any maintenance</td>
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</tbody>
</table>

Approvals*:

- NSF/ANSI 61 (USA)
- KTW and DVGW (Germany)
- WRAS (UK)
- AS/NZS 4020 and 4158 (Australia and New Zealand)
- ACS Attestation de Conformité Sanitaire (France)
- Belgauqu Hydrocheck (Belgium)

* Certificates valid for certain colors. Please contact your Axalta Coating Systems representative for additional information.

Abcite® 1060 / Abcite® X60

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Your local contact can be found at:
www.polymerpowders.axaltacs.com