

Abcite®

Long term corrosion protection for aggressive environments



The project:

Swimming pools are difficult environments for surface coatings. The high humidity, the presence of chemicals and the permanent exposure to human traffic are a gold mine for corrosion.

In public facilities, criteria such as safety, low maintenance and durability are key requirements for the operators. Shutdowns for maintenance generate losses which have to be minimized.

The public swimming pool in the suburb of Hoboken in Antwerp required renovation. As part of the process, the handrails, metallic grids, stairs and balustrades required corrosion protection. **Abcite® X60** thermoplastic coating was the perfect candidate for the job.

In February 2010, 34 meters of handrails, 26 meters of pipes, 27 meters of balustrades, together with several a number of steps and metallic grids were spray coated with 500 µm **Abcite® X60** in RAL 9002.



Application:

Long term surface protection

Product:

Abcite® X60

Location:

Antwerp (Belgium)

Client and

distribution partner:

Van Os Duracoat

Year:

2010

Abcite® X60 offers the highest level of performance and reliability for water distribution equipment (pipes,tanks,joints, valves etc...)

- Excellent and lasting corrosion protection
- High impact strength
- Adhesion to all metal parts without primer
- Limits bacterial growth
- Smooth, non-porous surface

AXALTA COATING SYSTEMS



Abcite® X60 has a long reference list in the Benelux: the product is approved for potable water contact and has been used for more than 15 years in different facilities and water treatment stations, without any maintenance!

Abcite® thermoplastic powders have been specifically developed for enhanced surface protection in corrosive environments and other demanding applications.



Key Points

- High abrasion and impact resistance
- High chemical resistance against most acids and alkalis
- Excellent salt spray resistance
- Long term weathering and UV resistance
- Flexible application methods (spraying or dipping)
- Easy application: good coverage of edges, corners and difficult areas
- Noise reduction
- Repairable in situ
- Efficient and economic: no need for primer, high film thickness 300 - 600 µm

For UK and Overseas:
Plascoat Systems Ltd
United Kingdom
+44 (0) 1252 733777
plascoat-salesuk@axalta.com

For Europe:
Plascoat Europe BV
The Netherlands
+31 (0) 181 458 888
plascoat-salesnl@axalta.com

For US:
Plascoat Corp.
United States of America
+1 (844) 752-7262
plascoat-salesus@axalta.com