

# DuPont™ Abcite® Case Study

SWIMMING POOL ANTWERP (BELGIUM)  
LONG TERM SURFACE PROTECTION WITH  
ABCITE® X60

Long term surface protection for aggressive environments



## Facts

- Swimming pools are difficult environments. The high humidity, the presence of chemicals and the permanent exposure to human traffic are a gold mine for corrosion.
- In public facilities, criteria like safety, low maintenance and durability are key arguments for the operators.
- shutdowns for maintenance generate losses which have to be minimized
- The swimming pool in the suburb of Antwerp, Hoboken had to be renewed: handrails, metallic grids, stairs and balustrades needed corrosion protection.
- **DuPont Abcite® X60 thermoplastic coating was the perfect candidate for the job.**
- In February 2010, 34 meters of Handrails, 26 meters of Tubes, 27 meters of balustrades and several steps or grids were spray coated with 500 µm Abcite® X60 in RAL 9002
- 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 stations, without any maintenance!



*The miracles of science™*

## DUPONT™ ABCITE X60\*



**Abcite®** thermoplastic powders from DuPont Polymer Powders have been specifically developed for enhanced surface protection in corrosive environments and other demanding applications. Abcite® offers the following benefits

- 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 in edges, corners and difficult areas
- Noise reduction
- Repairable in situ
- Efficient and economic : no need for primer, high film thickness 300 – 600 µm
- Environmentally friendly: no solvent, VOC and halogen free
- Based on DuPont Polymer Technology

**ABCITE®**  
Powder Coatings



**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 parts without primer.
- Limits bacterial growth
- Smooth, non-porous surface.
- Excellent chemical resistance
- Physiologically and toxicologically safe.
- Meets national water legislation (please contact us)

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