

## Abcite®

# Long term corrosion protection for aggressive environments



### About the project:

Wind, sun, rain, snow and pollution are the normal climatic conditions on an airfield: a tough environment for steel parts.

The Brussels Airport had a project to renew the metallic fences, used as security and noise protection for the personnel working on the airfield.

Long term corrosion protection together with UV stability were the challenges for the required coating: not a big challenge for Abcite®!

Due to its extremely high corrosion protection and weathering performance, **Abcite® X60** was selected to cover the hundreds of panels, in White and Red colours.

Another advantage was the remarkable simplicity of the coating system: with a standard surface preparation, a single layer of Abcite® is enough: no need for any primer, with one unique coating the system gets its full functionality.

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



**Abcite 1060/X60 has been externally tested and meets corrosion protection categories C5-M and Im3 High according to ISO 12944-6. Abcite assures maintenance free protection for more than 15 years, with a single layer coating!**

### Application:

Outdoor infrastructure

### Product:

Abcite® X60

### Location:

Zaventem Airport Brüssels, Belgium

### Client and distribution partner:

Van Os Duracoat

### 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