



Abcite®

Corrosion Protection



Trellis in front garden withstands weather conditions year after year

Contractor

Private property owner near Antwerp, Belgium.

Project:

Two supports for climbing plants and flowers standing in the front garden of a private house needed a durable, pleasant finish to be able to withstand the seasonal weather conditions and, at the same time, fit with the layout of the garden.

Problem:

Painted metal latticework frames, which are not given added protection, are susceptible to corrosion when exposed to unfavorable weather conditions. A first sign of deterioration is revealed by the appearance of cracks in the coating. This will eventually lead to rust on the underlying framework and to the replacement of the trellis, the ornamental plants and the flowers.

Such a replacement creates a temporary unpleasant void in the garden and leads to unnecessary expenditures, hence the importance to apply a reliable coating to the trellis.

Solution:

The two new supports for the climbing plants were given a tough surface coating of corrosion-resistant Abcite® from DuPont.

Abcite® is produced in powder form and is applied by spraying, rotary sintering and by a fluidized bed process. The corrosion-resistant material not only provides long-term protection against the harmful and disfiguring effects of oxidation but also imparts an attractive and colorful finish.

The owner chose a green color for the supports. The coating was applied in April 1994 and still looks as good as new.

Benefits:

- Abcite® resists a wide range of temperature.
- Abcite® is not damaged by plant growth.
- Abcite® is UV and corrosion resistant.
- Abcite® adheres evenly to the most intricate frames.
- Abcite® can be colored according to the specific requirements of the application.
- requirements of the application.

Application case history

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DuPont Powder Coatings