

DuPont™ Polymer Powders

ABCITE® THERMOPLASTIC POWDERS

FOR ENHANCED SURFACE PROTECTION



ABCITE®
Powder Coatings

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



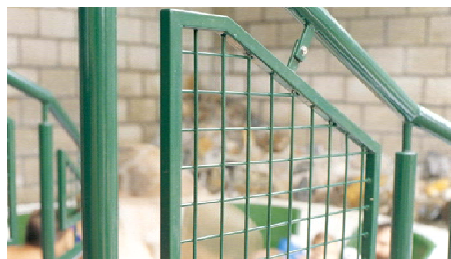
The miracles of science™

Abcite® Product Overview

Depending on the application, different Abcite® product families are available :

Abcite® 500 for outdoor application

- Main sectors of application : fences, lamp, sign posts, outdoor furnitures, cable supports
- Best solution for long term protection and decorative demand
- Good chemical resistance
- For fluidized bed application or Spray application (Electrostatic or Hot flocking)



Abcite® 545 for Energy savings

- Product with lower viscosity, which allows a good fluidity to coat complex areas
- Low coating temperature [190-220°C] for energy savings



Abcite® 1060 the best in class product

Abcite® 1060 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)



Excellent internal and external protection with Abcite® 1060

Abcite® 2070 super tough coating

- Outstanding abrasion resistance
- Highest Hardness in its category
- Super durable corrosion protection
- Resists to graveling tests



Garden equipment protected with Abcite® 2070 for extreme abrasive environment

New products ...

Abcite® 3150 for high temperature resistance

- high temperature resistance : 85°C continuous service temperature, 95°C maximal service temperature peak for 60 minutes
- food contact compliance (for specific local approval please contact us)
- one-pass process; no primer required
- for dish washer baskets or water boilers



Abcite® 5500 AM the new antimicrobial coating

- avoid the development of numerous bacteria on the coating surface
- bacteriostatic effect is ensured by controlled and continuous diffusion of silver ions [sanitized® technology]
- show a 3.6 log reduction of Staphylococcus Aureus after 24 hours
- for Hospital equipment, cooling and air conditioning equipment, public transport and public places etc



Abcite® new “Stainless steel” colours

- High decorative function combined with the resistance of a thermoplastic coating
- Will be available for dipping application
- For Abcite® 500, 1060 and 2070 families



Available soon

For further information, please contact us:

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