

What's the difference between Kulorthene Series Abcite® and traditional (thermoset) powder coatings

Abcite® is a thermoplastic powder coating which melts and flows to form a very hard, flexible and impervious coating.

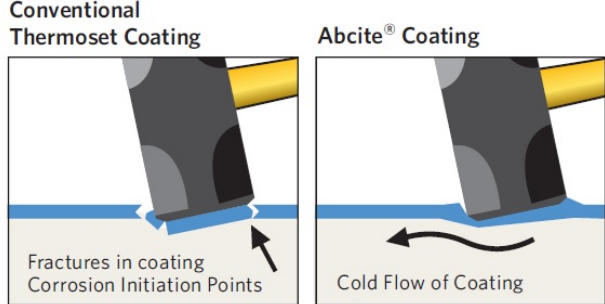
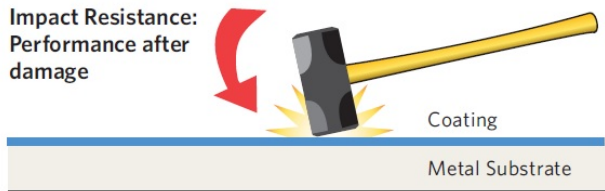
- Traditional (thermoset) powders must first melt and then chemically cross-link to develop their physical properties and adhesion.
- The curing/cross-linking schedule is therefore critical for traditional thermoset powder coatings to attain their full properties and appearance. This can require long oven cycle times.
- **Abcite®** only has to melt onto the surface to provide adhesion, and when the coating is cooled full appearance and physical properties are ensured.

Abcite® can be applied from 200 to 3,000 microns.

- Traditional powder coatings are applied at 50 to 100 microns.

Abcite® coatings can be repaired in-situ using the same polymer system.

- Traditional powder coatings can only be repaired in-situ with a paint overcoat which may not have the same physical or weathering properties as offered by the original powder.



Abcite® coated pipe is scuffed but the film is not broken or chipped.