

# Amershield

If you need a beautiful, flexible finish that resists impact and abrasion and delivers years of corrosion protection, chose Amershield, the unconventional polyurethane.



Amershield is a, high solids, high build, multi functional, aliphatic polyurethane coating, used as a one coat system or as high performance topcoat in maintenance coating systems. To obtain the maximum performance for which Amershield is formulated, strict adherence to all application instructions, precautions, conditions and limitations is necessary.

Typical uses for this product are industrial structural steel, tanks, piping and concrete floors and walls in power, waste treatment, pulp and paper, chemical, petrochemical and food and beverage plants. Railcar exterior and hopper lining. Bridge structural steel. Stadiums, Marine structural steel, decks, boottops, topsides and superstructures on ships, barges and offshore platforms.

Amershield displays high gloss; shows excellent colour and gloss retention during extended service periods. The direct-to-metal capabilities of Amershield provide a single coat system at reduced installation cost. Compatible over abrasive blasted hot-rolled steel. It has outstanding abrasion resistance and excellent resistance to direct and reverse impact. Has excellent adhesion to concrete providing a durable, glossy, easy-to-clean system. May be used over Amerlock 400 as a durable, weather resistant topcoat for extra heavy duty service; over selected Dimetcote coatings as a direct topcoat; over intact old paint as a maintenance product. Amershield's drying and curing may be adjusted with Amercoat 865 accelerator for convenient application.

Amershield's greater film thickness not only protects steel and concrete surfaces better, it's more cost effective than conventional alkyds or polyurethanes. With a 125um dry film thickness, Amershield achieves more with a single coat than traditional alkyds do with three-at a dramatic 13% savings in installed cost.

Amershield delivers far better barrier properties and corrosion resistance than conventional polyurethanes, which are primarily decorative coatings. We compared Amershield with two decorative coatings and two high-performance protective coatings widely used in severely corrosive industrial and marine applications. Amershield provides not only an attractive decorative finish, but a level of corrosion protection that makes it eminently suitable for general industrial use. Amershield resists a wide range of chemicals and environmental conditions that can cause conventional decorative coatings to fail.



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