

DERAKANE™ RESINS FOR FRP

CORROSION RESISTANCE FOR FGD



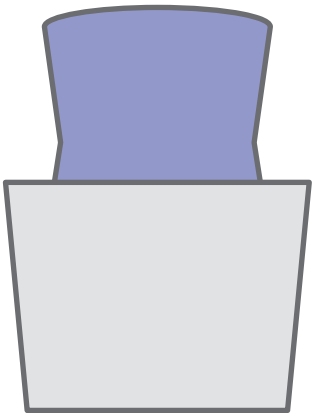
INEOS Composites

DERAKANE™ EPOXY VINYL ESTER RESINS

USED IN FGD APPLICATIONS

COOLING TOWERS

Pultruded structural profiles based on Aropol™ isophthalic polyester resins are anticipated to last more than twice as long as wood in cooling tower applications. Derakane™ 411, Derakane™ 510B and Derakane™ 510C resins provide good performance in fan shrouds and other exterior components where fire retardance is required. Fiberglass reinforced plastic (FRP) requires little or no maintenance over its life span and is not subject to internal deterioration or biological attack.



STACK LINERS

Made from Derakane™ 411, Derakane™ 510C and Derakane™ 510B resins, FRP stack liners are considerably less expensive than C-276 clad steel.

DEMISTER BLADES

Demister blades made from Derakane™ 411, Derakane™ 510C and Derakane™ 470 resins have superior corrosion resistance. FRP blades are lightweight and easy to install and will not become brittle like thermoplastic materials.

DUCTWORK

Ductwork made from Derakane™ 411, Derakane™ 510C or Derakane™ 510B resins offer superior corrosion resistance. FRP ductwork can withstand temperature excursions up to 315 °C (600 °F). Additionally, FRP ducting is lightweight and does not require insulation.

SCRUBBERS

Shells and internals in the scrubber are made from Derakane™ 411, Derakane™ Signia™ 411 and Derakane™ 510C resins. INEOS Composites products offer superior corrosion resistance and excellent abrasion resistance. Scrubbing equipment made from these resins requires less maintenance than acid brick or rubber lining and is much less expensive than C-276 clad steel.

SLURRY TANKS AND PIPING

Slurry tanks and piping made from Derakane™ 411, Derakane™ Signia™ 411 and Derakane™ 510C resins offer excellent abrasion resistance. FRP slurry tanks are much lighter than metal and are less expensive than rubber-lined steel.

PROCESS WATER TANKS AND PIPING

When made from Aropol™ isophthalic polyester resins, process water tanks and piping are very economical and can handle water temperatures up to 65 °C (150 °F). For improved chemical resistance and higher temperature performance (up to 180 °F), Derakane™ 411 and Derakane™ Signia™ 411 vinyl ester resins can be specified.

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