

GLOBAL HEADQUARTERS

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When it's your reputation on the line, you can rely on ours.

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Flue gas desulfurization (FGD) applications



Derakane™ epoxy vinyl ester resins used in FGD applications

Ductwork

Ductwork made from Derakane 510C-350 resin or Derakane 510B resin offers superior corrosion resistance. The ductwork also can withstand temperature excursions up to 315°C (600°F). They are lightweight and do not require insulation.

Cooling Towers

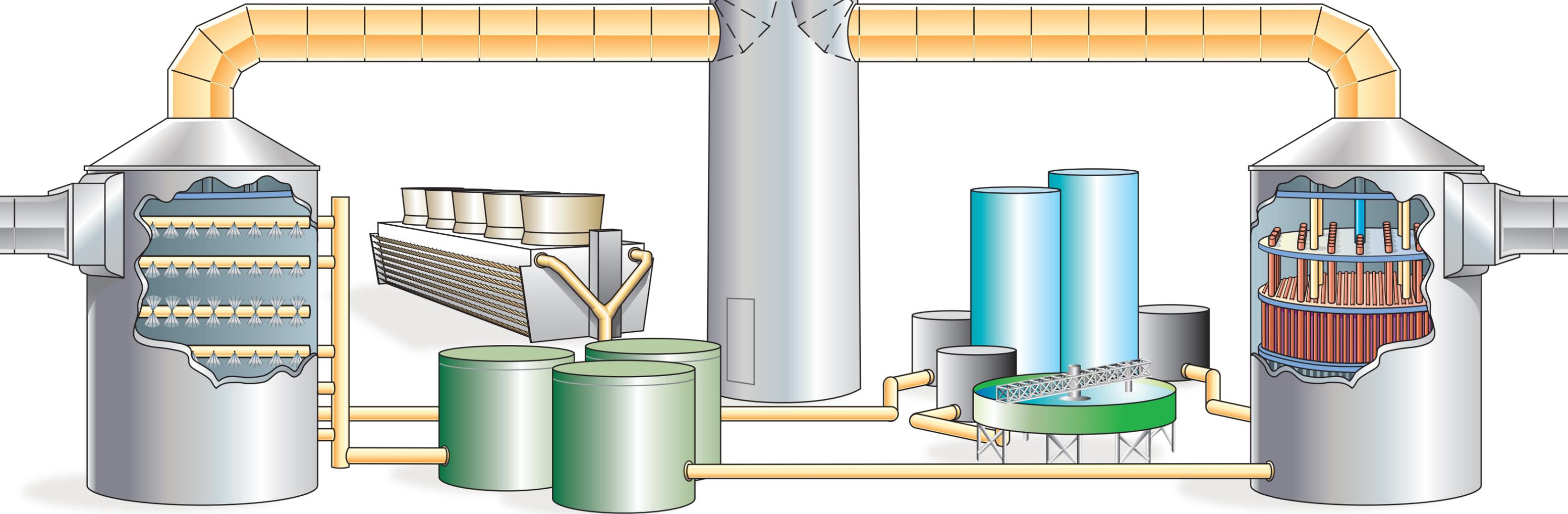
Pultruded structural profiles based on Aropol isophthalic polyester resins are anticipated to last more than twice as long as wood in cooling tower applications. Derakane 510B and Derakane 510C resin provides good performance in fan shrouds and other exterior components where fire retardance is required. 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 510C-350 resin or Derakane 510B resin, FRP stack liners are considerably less expensive than C-276 clad steel.

Demister Blades

Blades made from Derakane 510C-350 resin, Derakane 470-300 resin have superior corrosion resistance. Blades also are lightweight. FRP demister blades are easy to install and will not become brittle like thermoplastic materials.



Scrubbers

Shells and internals in the scrubber are made from Derakane 411-350 resin and Derakane 510C-350 resin. Ashland products have 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 411-350 resin and Derakane 510C-350 resin 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 isophthalic polyester resins and Aropol resins, process water tanks and piping are very economical and can handle process water up to 150°F. Equipment made from Derakane 411-350 resin can handle process water up to 180°F.