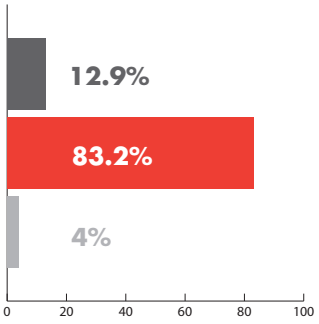
Permeability Survey Report

Summary

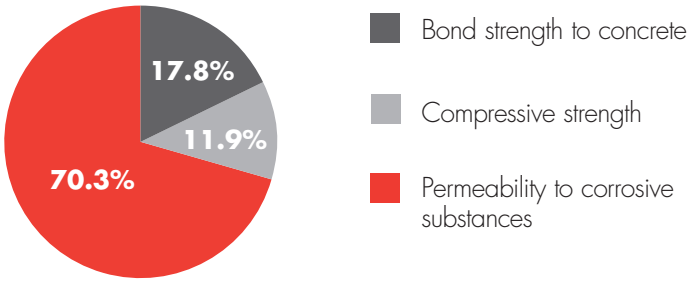
According to an independent survey of engineers, plant operators and contractors, chemical resistance is the most important quality of protective linings relative to the corrosion protection of infrastructure. Permeability to corrosive substances was shown to be the most important consideration for chemically resistant linings—even though it's also seen as the most commonly overlooked criteria of corrosion resistant lining selection. Porosity ranked as the number one factor in determining a polymer lining's chemical resistance.

This report summarizes the findings of the survey, which was conducted in April 2006 by WaterOnline, a leading online sourcing service for the industry. WaterOnline focuses primarily on the industrial and municipal wastewater treatment, drinking water purification, stormwater management, valve, pipe and flow control markets. The survey was sponsored by Sauereisen, Inc. (www.sauereisen.com).

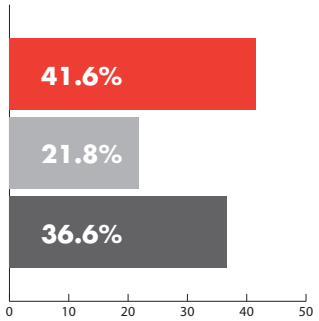
1. Which of the following qualities of protective linings is most important relative to the corrosion protection of infrastructure?



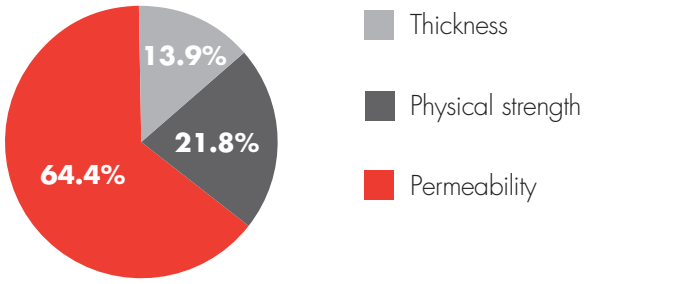
2. What factor is of most critical importance for chemical resistant linings?



3. What is the *least* likely cause of failure for applications of corrosion resistant linings?



4. What aspect of corrosion resistant lining selection criteria do you feel is most commonly overlooked?



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FOR IMMEDIATE RELEASE

New Survey Shows Permeability a Critical Corrosion Factor

Pittsburgh, October 19, 2006 — According to an independent survey of wastewater engineers, municipal managers and contractors, a chemically resistant lining's permeability to corrosive substances was shown to be the most important consideration during product selection. The survey was conducted in April 2006 by WaterOnline, a leading service for the water and wastewater industry. The survey was sponsored by Sauereisen, Inc., a third-generation manufacturer of industrial construction materials.

"Because of government mandated industrial pretreatment, longer detention times for waste water due to air quality regulations and other factors, concrete structures in waste water infrastructure are exposed to more severe conditions now than in the past," said Randy Nixon, senior consultant, Corrosion Probe, Inc., a leading engineering and consulting firm in the field of corrosion and material science. "Under these conditions, permeability is perhaps the most prominent factor in the failure of coatings designed to protect concrete from this rapid degradation."

Although approximately 70 percent of those surveyed said permeability to corrosive substances is the most critical factor for chemically resistant linings, more than 64 percent said permeability is the most commonly overlooked aspect of corrosion-resistant lining selection. The study also revealed chemical resistance to be the most important quality of protective linings, with porosity ranked as the number one factor in determining chemical resistance.

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"We've been protecting infrastructure for generations and, based on the repeated feedback of our customers, decided it was time to do some research to statistically prove what they've been telling us," said C. Karl Sauereisen, vice president. "This survey demonstrates the importance of a thorough understanding of concepts like permeability, permeance and water vapor transmission."

Established in 1899, Sauereisen is a third-generation manufacturer that provides worldwide product distribution of corrosion resistant materials. The company is dedicated to establishing expertise in the prevention of corrosion and the restoration of structures affected by it.

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Editor's Note: For a copy of the Permeability Report, contact Brooke Werner, 412.321.0879 or bwerner@pipitonegroup.com.