

CONCRETE TANK LINER

Derakane Epoxy Vinyl Ester Resins – Case History



Location / Year

The tank was installed in 1975 in Sydsvenska Vaermekraft AB, Barsebecksverket in Loddekoping, Sweden.

Fabricator

Gunnar Fredrikson AB, Industrial Flooring, Stockholm, Sweden.

Fabrication

The tank bottom is lined with quartz sand filled **DERAKANE** and the walls with **DERAKANE** reinforced with chopped strand glass mat and surface veil. The ceiling has a pure **DERAKANE** roller-applied coating.

Technical Data

Volume 375 m³ (100 000 gal)
Height 3 m (10 ft)
Length 14 m (45 ft)
Width 9 m (30 ft)

Service Conditions

Deionized water is a surprisingly aggressive chemical. Therefore **DERAKANE 411** epoxy vinyl ester resin was chosen to line this concrete tank designed to hold deionized water at a Swedish nuclear power station.

Last update in 1987.

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