

Water Shield Systems

npo®

A BRAND OF
EICHROM TECHNOLOGIES



variety



product description

NPO's stainless steel and carbon steel Water Shield Systems are ideal for shielding a mixed field of neutron and gamma radiation. These light weight, self-supporting systems can be moved into place in just minutes, significantly decreasing dose during installation. A level gauge clearly displays water level.

benefits

- Shield neutron and gamma radiation
- Decrease installation dose
- Monitor water levels
- Fill Water Shields quickly and without constant supervision

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Design Options



wall panels with retractable legs

A one-foot thick stainless steel wall system has a shielding impact equal to one-inch of solid lead. Each shield includes two retractable legs, fill and vent ports, a protected fitting connection point, a water level gauge, carrying handles and captured connectors. Tie-off with connection points is an available option for crane lifting.



nesting type

Create wall configurations of any shape with the two-foot diameter nesting type water shields. With its concave/convex design, there is guaranteed no streaming between tanks. The nesting shields are available at four, six, seven and eight foot heights with a shielding impact scalable based on the number of rows used.



engineered systems

Custom-engineered designs are available to meet any unique application.

