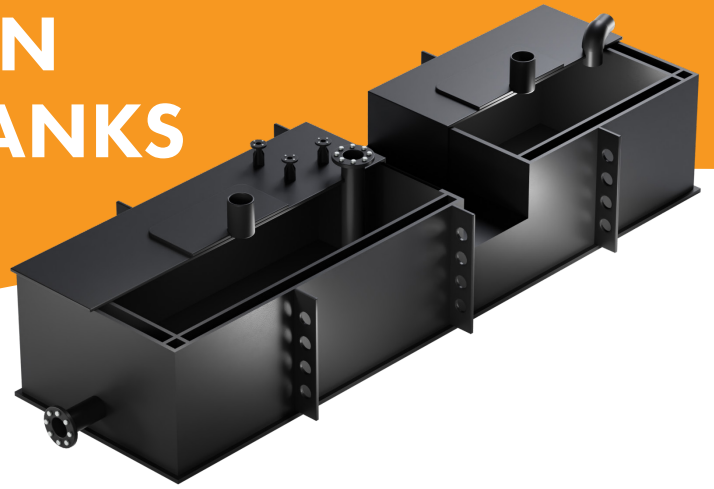


CHEMICAL, BIOLOGICAL, RADIOLOGICAL, NUCLEAR.

CBRN DECONTAMINATION WATER STORAGE TANKS FROM NIPLAST®



A safe method of holding or storing wastewater produced by decontamination procedures used to eliminate hazardous materials or CBRN residue from personnel or equipment is provided by NIPLAST® CBRN tanks.



NIPLAST® CBRN tanks are available for both overground and underground storage of contaminated water and can be designed to SAFEWALL® or SAFEWALL® formats should secondary containment be required.

In development, NIPLAST® worked very closely with a leading European thermoplastics polymer specialist in addressing the very special case that the storage of CBRN contaminated water presents. Consideration had to be given to the likely effect of low concentrations of bacterial agents such as Novichok and Sarin and there was recourse to research undertaken by others on the effects on thermoplastics exposed to gamma radiation.

Overall, the preferred construction material was identified from the polymer specialist's range and specified accordingly.

Niplast CBRN tanks ordinarily work to a specific gravity of 1.00 but higher values can be accommodated, for example if solids were present. Design and working pressure is atmospheric plus liquid load, for temperatures between -10 deg to 80 degrees Celsius.

Niplast CBRN tanks are constructed from the highest rated welding technique within BS EN 12573, i.e. the butt fusion of extruded thermoplastic plates. Niplast fabrication technicians are certified to EN 13067 by The Welding Institute (TWI).

To request a quote or discuss further with an expert email info@niplast.com or call **0161 477 6777**

niplast
STORAGE TANKS