



MOSAIK®

GNS develops and markets MOSAIK® casks made of ductile cast iron for all kinds of intermediate level radioactive waste occurring during the operation and shut down of nuclear facilities. The MOSAIK® casks are designed as transport and storage casks for e.g. core components or conditioning of ion exchange resins or evaporator concentrate. As the casks can be equipped with the respective necessary connections, waste can be directly conditioned inside MOSAIK® casks with methods and facilities developed by GNS so as to be suitable for final disposal.

To accommodate various kinds of waste, the cask types have different volumes, wall thicknesses or lid systems and may have additional lead inserts and filter systems. These are the main features of the particular versatility of the MOSAIK® concept.

Contaminated metal with a low radioactive level and a suitable metallurgic composition can be processed by the recycling method to manufacture the casting material for MOSAIK® casks. For transport in accordance with ADR MOSAIK® casks are available with Type B(U) approval certificate or casks which are used as containers for IP-2 packages.