

COMPAQ

FOR FASTER COMPACTION OF GRAVELS, SUBGRADES & EARTH USING SIGNIFICANTLY LESS ENERGY & WATER

- > Maximum compaction with less compaction energy
- > Water saving achieved by reducing OMC of gravels
- > A liquid simply added into the compaction moisture
- > Achieves material design criteria with less resources
- > Added to compaction water at very low dilution rates
- > Ideal for large civil construction works such as dam walls
- > Allows for compaction of material at greater depths
- > Better compaction results in a more tightly bound material
- > Environmentally safe and very cost effective



DESCRIPTION

COMPAQ is a uniquely balanced compaction aid formulation developed by RST to be added to the water used to compact natural earth, sub-grade, sub-base and base-course material in all civil construction projects to enable higher levels of compaction of the construction material at greater depths using less energy, water and construction time.

COMPAQ, when added to compaction water both disperses and lubricates the material allowing particles to move closer and tighter together using less moisture in less time.

COMPAQ accelerates the rate at which the material loses its porosity due to the effects of loading. When the material is ripped or laid out it contains an open framework of particles with the pore space being usually filled with air and water. COMPAQ increases the effect of the increased loading created

APPLICATION

COMPAQ is diluted into the compaction water at a dosage rate of 0.2 litres (200ml) of COMPAQ per m³ of material to be compacted.

by mechanical compaction to increase the particle-to-particle stresses resulting in porosity reduction primarily through a lubricating and dispersive action resulting in a more efficient packing of the particles. This will also result in a more tightly bound, denser material with reduced water permeability.

COMPAQ applications include Dam Walls, Bulk Earthworks, Tailing Dam Construction, Spoil Dump Capping, Sub Grades, Sub Base and Base Courses.