

## RUMEXO IWT PRODUCT SUITE

Brand Name	Application
Powder	
RBC 100	<p><b>Municipal Starter Pack (BOD, FOG, sludge red'n, start up and recovery)</b></p> <p>A special blend of microbial cultures and additives designed specifically to significantly increase the biodegradation of typical municipal wastes and high grease build ups. This product is capable of degrading high concentrations of BOD, oil and grease, and common household chemicals. It can be used to improve settlement build flocs and stabilize activated sludge. It can be used to overcome high organic loading, and to help re-establish a healthy bacterial population after washout or toxic shock.</p>
RBC 200	<p><b>Light Industrial (surfactants, BTEX, alcohols, phenol, COD, leachates)</b></p> <p>A special blend of microbial cultures selected and adapted to improve their ability to degrade oil and grease based wastes. Additional nutrients and additives enhance performance when required. This product is used for treating oily and fatty wastes and a variety of industrial and not-toxic chemical wastes, so is suitable for the chemical, petro-chemical industries as well as animal waste processing. This product is also effective in reducing odours due to grease build up in wastewater treatment plants and is able to treat filamentous bulking.</p>
RBC 300	<p><b>Heavy Industrial (ketones, alkanes, naphthalene, polyaromatics, solvents, hard COD)</b></p> <p>A special blend of microbial cultures selected and adapted to improve their ability to degrade complex chemical hydrocarbons from industrial processes, chemical and drug intermediates and some refinery wastes</p>
RBC 400	<p><b>Refinery/Petrochemical (aliphatic hydrocarbons, polyaromatic, solvents, DRO, TPH, complex HC, hard COD)</b></p> <p>A special blend of microbial cultures selected and adapted to degrade alkanes, and which is also highly effective on BTEX, DRO, phenol, polynuclear aromatics, sulphides, alcohols, and other similar solvents. This products can improve their ability to improve removal of toxic or difficult to degrade complex mixtures of organic compounds . At the same time the product improves settlement of biological solids, correct low or inconsistent MLVSS, and control foam due to incompletely degraded organics.</p>
RBC 500	<p><b>A special blend of Bacteria and fungi capable of degrading plant fibres</b></p> <p><b>Pulp &amp; Paper (BOD/COD, cellulose, ink)</b> Used to degrade pulping wastes including high BOD, starchy wastes, tall oils, pine soaps, liquor spills, and cellulose. Particularly effective in kraft pulp and paper mills to overcome such adversities as periods of high influent loading, system start-up after mill shutdown, and unfavourable temperature conditions. This product can consistently improve BOD reduction and can assist in lignin degradation.</p> <p><b>Food Processing (starch, cellulose, protein, BOD/COD)</b> Ideally suited to treatment of fruit and vegetable processing, brewery and winery wastes and to overcome a variety of problems such as high influent loadings, system start-up and unfavourable temperature conditions. The product comprises microbial strains that can degrade starches, organic acids, vegetable fibres, sugars, alcohols and turpines. This product can also prevent hydrogen sulphide production if used in aeration basins.</p>
RBC Pro Super	All of the above, when the solution is unclear or when all else fails