



RAMSET SUPPORTS WAIMEA DAM FOR A SUSTAINABLE FUTURE

In the picturesque landscape of Nelson, New Zealand, the Waimea Dam project stands as a testament to resilience, sustainability, and innovation. Designed to meet the water needs of the Southern Tasman region for the next century, this landmark project represents a significant milestone, being the first of its kind in over 25 years.

ENGINEERING EXCELLENCE WITH RAMSET SOLUTIONS

At the heart of this monumental undertaking lies a commitment to excellence in engineering, product quality, and technical support. Working hand-in-hand with key engineers and contractors including Fulton Hogan, Taylors, SCP, Lift N Shift, and DAMWATCH, Ramset played a pivotal role in providing cutting-edge solutions for this highly complex project.

The sheer scale of the Waimea Dam, capable of securely holding up to 13 million cubic meters of water, demanded nothing short of the best engineering solutions. With over 5 years dedicated to the project's lifecycle, Ramset supplied a comprehensive range of products including 1300 tubes of Ramset EPCON™ C8 Xtrem™, 500 tubes of FormSeal™, 2500 AnkaScrews™ & TruBolt™ mechanical anchors, and 27 Ramset Tools, ensuring seamless execution despite challenges such as the global COVID-19 pandemic.



UNWAVERING SUPPORT AMIDST CHALLENGES

As Andre Archer, Ramset Territory Manager for Nelson, reflects, "Our business was not immune to the global supply challenges, so that just encouraged and made far more relevant the close partnership that we had with the team at Fulton Hogan and Taylor's here. It's been substantial and it's an enormous sense of pride to have managed to have that continuity supply of something of that significance throughout the COVID lockdown process."

WATCH THE FULL CASE STUDY VIDEO

SCAN THE QR CODE OR CLICK THE ICON TO PLAY

RAMSET HAVE BEEN A KEY PART IN GETTING THIS PROJECT OVER THE LINE AND DONE...

ZACH BORAMAN
SITE ENGINEER AT FULTON HOGAN

OVER 15,000 RAMSET COMPONENTS WERE USED IN THE CONSTRUCTION OF THE WAIMEA DAM

THE RAMSET ADVANTAGE: EPCON™ C8 XTREM™

Central to the success of the Waimea Dam project was the utilisation of Ramset™ EPCON™ C8 Xtrem™. This advanced chemical anchoring solution, with its 100-year design life and C1 & C2 seismic ratings, proved indispensable in anchoring critical components of the dam structure, from the towering concrete walls to the expansive slip-formed face. To learn more about this product visit ramset.co.nz/product/epcon-c8-xtrem or use the QR code.



EFFICIENCY, SAFETY, AND RELIABILITY

During the construction of the slip-formed concrete face, efficiency, safety, and accuracy were paramount. Ramset's EPCON™ C8 Xtrem™ provided secure, seismic-rated chemical anchoring with unparalleled speed and accuracy, exceeding the demanding requirements of the project.

TECHNICAL PRECISION AND INNOVATION

Ramset's EPCON™ C8 Xtrem™ isn't just a product; it's a solution engineered for extreme conditions. With features like fast, all-weather dispensing, seismic design approval, and suitability for wet and flooded holes, it empowers engineers to tackle even the most challenging environments with confidence.

EMPOWERING FUTURE PROJECTS

As Zach Boraman, Site Engineer at Fulton Hogan, acknowledges, "Ramset have been a key part in getting this project over the line and done... We still managed to keep the project going and thanks to our suppliers like Ramset we were able to keep going here."



FOR THE TEAM ON THE GROUND, IT WAS A ONE-STOP SHOP FOR A COMPLETE SYSTEM...

ANDRE ARCHER
RAMSET TERRITORY MANAGER - NELSON




THE PROJECT STANDS AS A TESTAMENT TO RESILIENCE, SUSTAINABILITY, AND INNOVATION. DESIGNED TO MEET THE WATER NEEDS OF THE SOUTHERN TASMAN REGION FOR THE NEXT CENTURY



TOGETHER WITH THE CHEMICAL AND MECHANICAL ANCHORS, RAMSET TOOLS WERE ALSO USED EXTENSIVELY ON THE PROJECT

TAKE THE NEXT STEP WITH RAMSET

Are you ready to embark on your next landmark project with confidence? Click or scan the QR code to discover more about the iconic Waimea Dam project and the comprehensive range of Ramset products that fuelled its success.




**For further information, please contact Ramset
AU - PHONE: 1300 780 063 www.ramset.com.au**

Ramset™ 1 Ramset Drive, Chirnside Park, Victoria. 3116. Australia © Copyright October 2023. ITW Australia Pty. Ltd. ABN 63 004 235 063 trading as Ramset™
Important Disclaimer: Any engineering information or advice ("Information") provided by Ramset™ in this document is issued in accordance with a prescribed standard, published performance data or design software. It is the responsibility of the user to obtain its own independent engineering (or other) advice to assess the suitability of the Information for its own requirements. To the extent permitted by law, Ramset™ will not be liable to the recipient or any third party for any direct or indirect loss or liability arising out of, or in connection with, the Information.