



BluCem ZeoGlass

BURNIE, TASMANIA - WET WELL RELINING

TasWater engaged Bluey Technologies and Interflow to reline an existing wet well which had decayed significantly, due to ongoing contact with highly acidic sewage. By relining the wet well with BluCem ZeoGlass, the use life of the structure was increased by an additional 40+ years.

Project Completion: September 2019

Application

WHERE WE USED BLUCEM ZEOGLASS

To remediate the structure, BluCem ZeoGlass was sprayed onto the walls and then trowelled to finish. The selected aggregates (recycled Australian glass) used in the mix, have been custom graded by Bluey to ensure maximum interlocking during spraying. This builds depths of several hundred millimetres in one pass with low rebound, which allowed the contractor to rehabilitate the structure in a short period of time.

WHY WE USED BLUCEM ZEOGLASS

Wet wells often contain extremely high levels of corrosive acidic gasses which degrades regular OPC shotcretes. Due to its highly acid-resistant binder technology, BluCem ZeoGlass was selected as the shotcrete of choice to repair the wet well. This extended the use life of the structure by 40+ years.

BluCem ZeoGlass also adheres to strict International Standards, providing our partners and with the confidence of reliable and consistent results.

Features and Benefits

- Ultra high build in one pass
- Uses >50% recycled raw materials
- High acid resistance
- Easy to hand trowel
- Minimal dust emissions
- High compressive and bond strength.

Summary

The remediation of the wet well was a fast and cost-effective way for TasWater to increase the use life of this essential utility. BluCem ZeoGlass was selected for the works as the repair mortar lasts up to three times longer than traditional shotcretes, is highly acid resistant and uses more than 60% recycled materials.





Contact Bluey

HEAD OFFICE QLD

1300 0 BLUEY | +61 7 3399 3635 | +61 428 472 976 | qld@bluey.com.au

www.bluey.com.au

NSW

1300 0 BLUEY
+61 424 848 322
nsw@bluey.com.au

VIC

1300 0 BLUEY
+61 407 242 990
vic@bluey.com.au

SA

1300 0 BLUEY
sa@bluey.com.au

WA

1300 0 BLUEY
+61 407 242 990
wa@bluey.com.au

TAS

1300 0 BLUEY
tas@bluey.com.au

ACT

1300 0 BLUEY
+61 424 848 322
act@bluey.com.au

NT

1300 0 BLUEY
+61 428 472 976
nt@bluey.com.au

NZ

+64 22 636 5801
nz@bluey.com.au

UK/EUROPE

+353 86 035 6085
bluey@bluey.ie

ASIA PACIFIC

+65 6742 4466
+65 8588 0306
sales_sg@quicseal.com

