

HAPPY VALLEY OUTLET CHANNEL SOUTH AUSTRALIA

400m Long high flow channel designed to be water tight

SA Water engaged SMEC Engineering to design a 400m long flood channel to cope with a high water flow of 20m/sec. A channel of this size poses numerous detailing and construction issues, however the adoption of the Dramix Combi Slab solution ensured simplification of the traditional steel, removal of water stop joints, allowed for a quicker construction programme and met the required crack width requirement of 0.2mm.

[View the Video](#)

Technical solution

- Fibre type: Dramix® 4D 65/60BG
- Fully restrained slab Nominal C/W 0.2mm
- 35kg/m³
- 12mm custom mesh at 100mm centres Top
- Concrete quality: C40/50
- No Joints

Benefits

- Reduced 2 layers of bars + mesh
- Eliminated joints
- Huge savings time and labour costs
- Increase in durability

CALL 1300 665 755 (AUS) OR 0800 665 755 (NZ)
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