

Building Australia's future



InfraClay[®] Bentonite Sealant

InfraClay Bentonite Sealant is a trowel-grade sodium bentonite paste designed to complement InfraClay[®] GCLs and other below-grade waterproofing systems in Australian conditions. It swells on contact with water to form a durable, watertight seal around penetrations, transitions and terminations, helping to control leakage paths in basements, tunnels and other buried structures.

APPLICATIONS

- ☑ GCL Overlaps
- ☑ Drain Outlets
- ☑ Construction Joints

Technical Specifications

Material Property	Testing Method	Units	Specification
MATERIAL TYPE	-	-	Sodium Bentonite Trowel Sealant
SWELLING INDEX IN VOLUME (72 H)	GB/T 18173.3-2014	%	≥ 220
LOW-TEMPERATURE PERFORMANCE (-20 °C, 72 H)	GB/T 18173.3-2014	-	No Visible Cracking
SEEPAGE AT 5 MM THICKNESS OVER GCL OVERLAP (24 H)	-	-	No Visible Seepage
RECOMMENDED APPLICATION THICKNESS	-	mm	4-5
TYPICAL CONSUMPTION RATE (FLAT DETAILS)	-	kg/m ²	5-8
TYPICAL CONSUMPTION RATE (CORNER FILLETS)	-	kg/m ²	10-16
BUCKET VOLUME	-	L	20
NET MASS PER BUCKET	-	kg	25.7