



SPECIALISED CLAYS

G&W offers a wide range of **speciality clays** and clay blends to suit individual civil engineering applications. G&W clays may be applied as pure or mixed blankets, by dispersion, or in slurry form. Our well-equipped civils laboratory in Wadeville provides technical back-up for your specific requirements.

Products

ENVIROBENT
ENVIROGEL – PLUS
Ca BENTONITE
ATTAPULGITE

Features

High swell, excellent sealing properties. Decreases soil porosity.
 High viscosity, rapid gel formation in fresh water.
 Stable in saline and acidic conditions. Decreases soil porosity.
 High viscosity in saline fluids. Adsorbs toxic leachates.
 Impervious curtain for environmental applications.

TYPICAL PHYSICAL PROPERTIES/PACKAGING

	Envirobent	Envirobent SP	Envirogel Plus	Ca Bentonite	Attapulgitite 100#
Viscosity V0 V10	>24 >26	>23 >24	36 Min. Too thick to Measure	N/A	N/A
Swelling Volume	23	16-20	25-27	8	N/A
Grading retained	<5% on 150 micron	<12mm	<5% on 150 micron	<5% on 150 micron	<15% on 150 micron
pH	10 – 10,5	10 – 10,5	10 – 10,5	8	9
Moisture (%)	8 – 15	10 – 15	8 – 15	8 – 15	<15%
Bulk Density (g/cm ³)	0,9 – 1,04	1,2 – 1,4	0,9 – 1,04	0,9 – 1,04	0,5 – 0,6
Packaging	40kg paper bags	40kg paper bags & Loose ex mine & Bulk bags	40kg paper bags	40kg paper bags	25kg paper bags
Product code	0104	0131 & M0110 & 0130	0137	0106	0615

APPLICATIONS

ENVIROBENT : Lining and sealing of fresh water dams, ponds and reservoirs. Capping of waste sites.

ENVIROBENT SP : Lining and sealing of fresh water dams, ponds and reservoirs. Repair of leaking dams. Capping of waste sites.

ENVIROGEL-PLUS : Slurry trenching and foundation piling. Exploration drilling.

Ca BENTONITE : Cut-off trenches in saline and waste environments.

ATTAPULGITE 100# : Cut-off trenches and exploration drilling.