



Drilling Fluids Australia

DFA GEL BP

Civil Engineering Bentonite

TECHNICAL DATA SHEET

DESCRIPTION

DFA GEL BP is a specially developed bentonite with enhanced performance and resistance against typical contamination. DFA GEL BP is ideally suited for construction of Bored Piles, Barrettes, and Diaphragm Walls in all ground conditions.

APPLICATIONS

DFA GEL BP is mainly dedicated to:

- **Bored pile** and **D-Wall** construction

BENEFITS

- Easy to mix product
- Optimized rheology and filtration control for special foundations applications
- Easily recycled using conventional solids separation equipment

For detailed method statement on how to use DFA GEL systems contact your local representative.

PHYSICAL PROPERTIES

Obtained at 20°C on a slurry mixed with tap water at 1500 rpm for 3 minutes

Water (ml) + Bentonite (g)	After 1 hour ageing		After 24 hours ageing	
	Marsh Viscosity. API ^(*)	Filtrate ISO 13500 ^(**)	Marsh Viscosity. API ^(*)	Filtrate ISO 13500 ^(**)
1000 + 30	30 to 32 sec.	< 30 ml	32 to 35 sec.	< 28 ml
1000 + 40	34 to 38 sec.	< 25 ml	38 to 45 sec.	< 22 ml
1000 + 50	40 to 46sec.	< 22 ml	46 to 55 sec.	< 20 ml

(*) Volume poured is 946 ml

(**) Filtrate is twice the volume collected from 7,5 to 30 minutes

PACKAGING

25kg bags, Bulk Bags, or Bulk Pneumatic upon request

STORAGE

Keep the product in a dry environment

SAFETY DATA

MSDS sheets and application data available on demand