

Bentonite SP & SP1

Proprietary Products Exclusively Manufactured by Capital United Canada Inc.

Overview

Capital United Canada Inc. is proud to introduce **Bentonite SP** and **Bentonite SP1**, our premium-grade, proprietary bentonite blends designed for advanced geotechnical and infrastructure applications. These products are manufactured exclusively by Capital United Canada Inc. in Canada, using select raw materials and a controlled production process to ensure consistency, reliability, and exceptional performance.

Product Features

Property	Bentonite SP	Bentonite SP1
Type	High-swelling sodium bentonite	Enhanced bentonite blend
Appearance	Fine, grayish-white powder	Fine, off-white powder
Specific Gravity (Dry)	900–950 kg/m ³	950–980 kg/m ³
Moisture Content	≤ 13%	≤ 12%
Swelling Index	≥ 30 mL/2g	≥ 32 mL/2g
Water Absorption	≥ 600%	≥ 650%
pH (1% Solution)	8.5–9.5	8.0–9.0
Gel Strength (10 min)	≥ 15 lb/100 ft ² (API Std.)	≥ 18 lb/100 ft ² (API Std.)
Filtrate Loss	Low	Ultra-low
Packaging	25 kg bags or 1-ton super sacks	25 kg bags or 1-ton super sacks

Applications

- Tunnel boring machine (TBM) support
 - Horizontal Directional Drilling (HDD)
 - Pipe jacking
 - Diaphragm wall and slurry wall trenching
 - Canal and pond sealing
 - Subsurface sealing in landfill and mining projects
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Why Choose Our Bentonite

- **Exclusively manufactured by Capital United Canada Inc.**
- **Controlled and consistent composition**


- **High swelling and absorption capacity**
 - **Compatible with tunneling and drilling additives**
 - **Environmentally responsible and safe to handle**
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Material Safety Data Sheet (MSDS) MSDS for Bentonite SP and SP1 are available upon request and are included with every shipment. For safety, handling, storage, and environmental data, please contact our office.

Contact Us For technical specifications, bulk pricing, or to request MSDS:

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