

NABENT S BAU

Activated Natrium-Bentonite

NABENT S BAU is used for diaphragm wall suspensions. The especially high cement-stability of NABENT S BAU guarantees even higher efficiency and more cost reduction. The suspension acts as a supporting liquid, which stabilizes the soil. The good thixotropy allows a gel-like and also liquid behavior.

Available

Silotransport 27 t
Bigbag approx.. 1200 kg
Paper bag 25 kg, (Palett 1000 kg)

Technical Values

Testing Method

Montmorillonite content	> 75%	ASTM C837
Methylene blue absorption	> 340 mg/g	ASTM C837
Water content	< 12 %	DIN 18121
Swellindex	> 27 ml / 2g	ASTM D 5890
Marsh funnel	> 40 sec. (5% suspension)	EN 1538
Particle size	0-63µm (max 20%>63µm)	DIN 18123
Bulk density	approx. 820kg/m ³	
Color	light grey	

Chemical Analysis

SiO ₂	74,00%	Na ₂ O	0,09%
Al ₂ O ₃	14,30%	K ₂ O	0,54%
Fe ₂ O ₃	2,60%		
CaO	1,30%		
MgO	1,10%		

Heavy Metal Analysis

As	15 ppm	Zn	45 ppm
Pb	19 ppm	Cu	7 ppm
Cr	98 ppm	Mn	440 ppm
Cd	< 0,3 ppm	Co	3 ppm
Ni	50 ppm	Hg	0 ppm