

# NABENT

## Activated Natrium-Bentonite

NABENT BAU is used for diaphragm wall suspensions. The high cement-stability and regional production of our bentonite brings a high efficiency and 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	> 70%	ASTM C837
Methylene blue absorption	> 310 mg/g	ASTM C837
Water content	< 12 %	DIN 18121
Swelled index	> 24 ml / 2g	ASTM D 5890
Marsh funnel	> 35 sec. (5% suspension)	EN 1538
Particle size	0-63µm (max 20%>63µm)	DIN 18123
Bulk density	ca. 820kg/m <sup>3</sup>	
Color	light grey	

### Chemical Analysis

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

### Heavy Metal Analysis

As	<b>15 ppm</b>	Zn	<b>45 ppm</b>
Pb	<b>19 ppm</b>	Cu	<b>7 ppm</b>
Cr	<b>98 ppm</b>	Mn	<b>440 ppm</b>
Cd	<b>&lt; 0,3 ppm</b>	Co	<b>3 ppm</b>
Ni	<b>50 ppm</b>	Hg	<b>0 ppm</b>