



## Product information sheet

Drillgrout - S

### VOORGEMENGDE DIEPWANDSUSPENSIE EN SUSPENSIE VOOR BOORTECHNIEKEN

Drillgrout – S is a fast hardening grout suspension composed of quality-monitored ready-to-use cement-bentonite, consisting of pre-tested mineral binders and mineral additives. Because the hardening time is extremely low, it is resistant to sack, leak and seepage water while maintaining perfect injection parameters.

### APPLICATION OPTIONS

- Filling annular space with pipe-jacking and HDD
- Extremely suitable for drilling in seepage areas
- Manufacture of diaphragm walls according to the 1-phase
- Production of earthworks for construction pits (e.g., in front of placed sheet piling) according to the 1-phase system
- Sheeting for earthworks with Berlin walls with special
- Grout for injections

### DELIVERY

- Drillgrout - S can be delivered in bulk, 1000 kg
- Bigbags and 25 kg bags

### TYPES

Drillgrout - S suspensions can be set variably. This product information contains data of the standard product as guideline values. In addition to Drillgrout - S, we produce ready-to-use products for underground structures and drilling techniques.voor ondergrondse constructies en boortechnieken.

### SERVICES

Are you using our application technical experience! We can optimize our products for your construction and drilling practical requirements. The proportion of solids can be set variably. Within the technical scope of the raw material. Possibilities, the processing time, and the properties of the curing premixed suspension can be influenced specifically.

Revision date: 19-05-22. \* The above concentrations and resulting rheological values are indicative, conditions may vary and the information given is to be used as a guideline only.



De Bentoniet  
Fabriek

## Product informatieblad

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### RECEPTUUR VAN DE SUSPENSIE

Ready-to-use mixture	230	kg/m <sup>3</sup>
Water (drinking water quality)	930	kg/m <sup>3</sup>
Density of the suspension	1,150	g/cm <sup>3</sup>

### EIGENSCHAPPEN VAN DE VERSE SUSPENSIE (I)

Marsh Funnel Time	35-45	s/l
Yield limit	12-39	N/m <sup>2</sup>
KogelBullet harp (Ball harp DIN)	4-7	Kogel
Filtration water (DIN 4127)	≤ 70	cm <sup>3</sup>
Size after 2 h, 250 cm <sup>3</sup>	≤ 1,5	Vol.-%

### EIGENSCHAPPEN VAN DE UITGEHARDE SUSPENSIE (II)

Axial cylinder compressive strength $q_u$ na 28 dagen	≤ 0,62	N/mm <sup>2</sup>
Axial cylinder compressive strength $q_u$ after 56 days	≤ 0,87	N/mm <sup>2</sup>
Permeability coefficient k-value (III) after 28 days	≤ 4,0 x 10 <sup>-10</sup>	m/s
Permeability coefficient k-value (III) after 56 days	≤ 8,5 x 10 <sup>-11</sup>	m/s

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