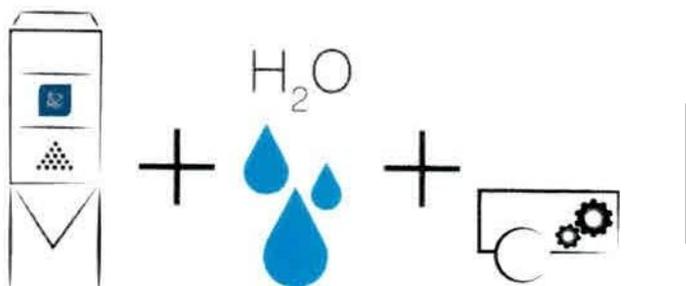




TECHNICAL DATA SHEET

PRODUCT LINE dryMIX GRAB

Prefabricated dry mix based on blast furnace slag and mineral binders for the construction of underground structural and sealing walls implemented using the "Slurry by grab" technology - i.e., "dug by grab" or by drilling with a large-profile pile or a driven "I" profile (type 150) as a thin underground sealing wall.



Possible uses:

- Special foundation constructions for the foundation of multifunctional objects in urban agglomerations for sealing and construction of structural underground walls in construction pits
- On water management structures in flood control projects, sealing of waste dumps and landfills
- ecological and environmentally friendly

Advantages:

- Securing the construction pit and resistance to groundwater seepage Decorative pressure of groundwater in flood control projects
- Consistent quality, recipe setting, adaptation to geological conditions on the construction site
- Comprehensive service, logistics including rental of construction sites
- Low costs for setting up a construction site
- Storage life in mobile silos: min. 4 weeks



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Processing:

The dryMIX GRAB product is mixed with water on site in a mixing center according to a pre-tested recipe. If drinking water is not used for mixing, a chemical analysis of the water is required! The product is pumped into a suspension from the mixing center into a processing grab construction machine.

Technical data (TAB no. 1):

Recipe example:

TYPE:	114	120	120+	150
dryMIXGRAB (kg/m ³)	230	320	345	140
Finely ground limestone (kg/mJ)				660
Drinking water (kg/m1)	920	890	880	700
Bulk density (kg/L)	- 1,14	- 1,20	- 1,25	- 1,50
Marsh funnel (sec/1)	- 40	- 45	35	- 50-90
Yield strength (N/m1)	> 25	> 25	> 25	> 50
Aqueous filtrate (ml)	< 60	< 60	< 40	< 50
Standstill after 2 hours (%)	< 2,0	< 1,5	- 2,0	< 1,0
Water impermeability (Kf (m/sec) after 56 days, suspension:	< 1,0 E·og	< 1,0 E·og	< 1,0 E·og	< 1,0 E-09
Compressive strength Df (MPa):				
after 56 days. suspension	- „0	- 1,2	- 1,0	- 1,3
All the values mentioned are achieved under ideal laboratory conditions!				

Our services:

- active support in project acquisition
- design and optimization of the recipe according to the contractor's specifications
- production control tests, samples taken directly on site "in situ" rental of mobile construction trucks
- comprehensive service and logistics

Delivery form:

- dryMIXGRAB is transported loosely in tanker trucks of approximately 271 and is pumped into mobile silos directly on site. A prerequisite is always a viable connection for tanker trucks!
 - Take advantage of our technical experience based on concrete construction sites using these products!
- We are happy to optimize our products with regard to your construction requirements.

We look forward to working with you!