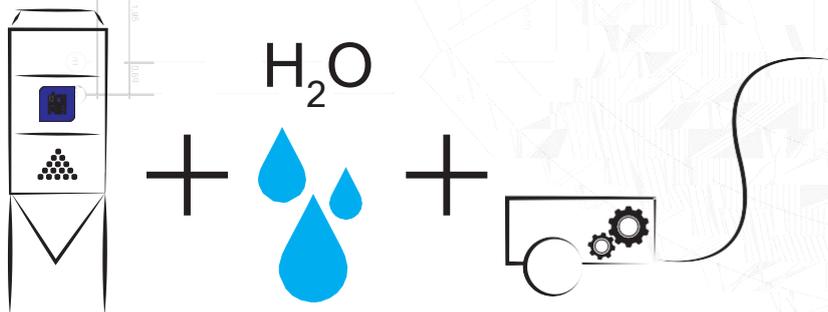




TECHNICAL DATA SHEET

PRODUCT LINE dryMIX JET

Prefabricated dry mix based on mineral binders, filler and natural bentonite for creating underground sealing walls implemented by jet injection or "Mixed in place", etc." technologies.



Possible uses:

- Water management structures
- Civil engineering structures
- Special foundation structures

Advantages:

- High and permanent tightness
- Securing construction pits in urban agglomerations and resistance to groundwater seepage
- Consistent quality, recipe setting
- Comprehensive service, logistics including construction silo rental
- Low costs for setting up a construction site
- Storage capacity in mobile silos: min. 4 weeks

Processing:

The dryMIX JET product is mixed with water at the construction site in a mixing center according to a previously tested recipe. If drinking water is not used for mixing, a chemical analysis of the water is necessary! The produced suspension is pumped from the mixing center to a processing construction machine, which, depending on the selected technology, creates underground sealing walls.

Technical data (TAB No. 1):

Example recipe:

TYPE:	K	Kmod	G
dryMIXJET (kg/m ³)	740	745	740
Drinking water (kg/m ³)	740	745	740
Water factor	1,0	1,0	1,0
Bulk density (kg/l)	~ 1,49	~ 1,49	~ 1,48
Marsh funnel (sec/l)	~ 40	~ 33	~ 31
Standstill after 2 hours (%)	< 2,0	~ 4,0	-
Standstill after 24 hours (%)	< 4,0	> 5,0	-
Water impermeability Kf (m/sec) after 56 days, suspension:	< 1,0 E-10	< 5,0 E-8	< 1,0 E-9
Compressive strength Df (MPa):			
after 7 days, suspension	~ 1,0		
after 14 days, suspension			~ 1,4
after 28 days, suspension	~ 1,9	> 2,0	~ 1,7
All values listed 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 silos
- comprehensive service, logistics

Form of delivery:

- dryMIXFILL is transported loosely stored in tanker trucks of approximately 27t and is inflated into mobile silos directly on site. The condition is always passable communication for tanker trucks!
- Use our technical experience gained on specific construction sites by using these products!
- We will be happy to optimize our products with regard to your construction requirements.

We look forward to working with you!