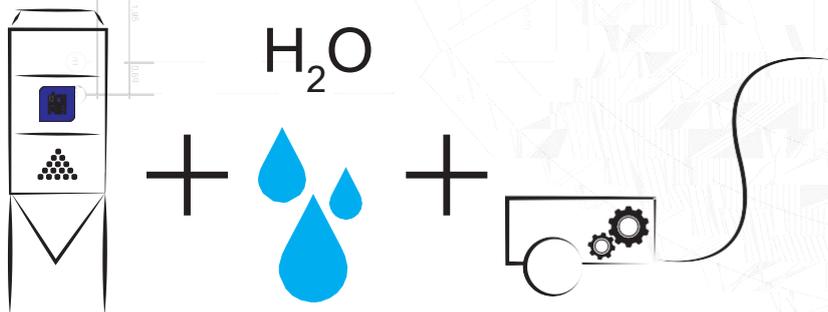




TECHNICAL DATA SHEET

PRODUCT LINE dryMIX FILL

Prefabricated dry mix based on mineral binders, filler and bentonite for creating underground sealing walls or for filling hollow spaces, caverns and excavation trenches realized by jet or classic injection.



Possible uses:

- Water management and ecological constructions, creation of underground sealing walls
- Construction of exploration and drainage galleries
- Construction of sewerage, water and gas routes
- Construction of special foundations

Advantages:

- High filtration coefficient - resistance to groundwater seepage
- Almost 100% filling of cavities and interstices
- Consistent quality, recipe adjustment
- Comprehensive service, logistics including construction silo rental
- Low costs for setting up a construction site
- Storage capacity in mobile silos: min. 4 weeks



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Processing:

The dryMIX FILL product is mixed with water on 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 the processing injection machine.

Technical data (TAB No. 1):

Example recipe:

TYPE:	K	HWF	B
dryMIXFILL (kg/m ³)	740	865	770
Drinking water (kg/m ³)	740	690	690
Water factor	1,0	0,8	0,9
Bulk density (kg/l)	~ 1,49	~ 1,56	~ 1,52
Marsh funnel (sec/l)	~ 40	~ 45	~ 43
Standstill after 2 hours (%)	~ 2,0	~ 1,6	~ 1,5
Standstill after 24 hours (%)	~ 3,0	~ 2,0	~ 3,0
Water permeability Kf (m/sec) after 56 days, suspension:	< 1,0 E-9	< 1,0 E-9	< 1,0 E-9
Compressive strength Df (MPa):			
after 24 hours	-	~ 0,6	-
after 3 days	-	~ 2,4	~ 0,2
after 7 days	~ 1,0	~ 3,5	~ 0,3
after 28 days	~ 1,9	~ 7,5	~ 0,7
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 sites
- comprehensive service, logistics

Delivery form:

- dryMIXFILL is transported loose in tanker trucks of approximately 27 tons and is pumped into mobile silos directly on site. The condition is always that the road for tanker trucks is passable!
- Take advantage of our technical experience gained on specific construction sites by using these products!
- We are happy to optimize our products with regard to your construction requirements.

We look forward to working with you!