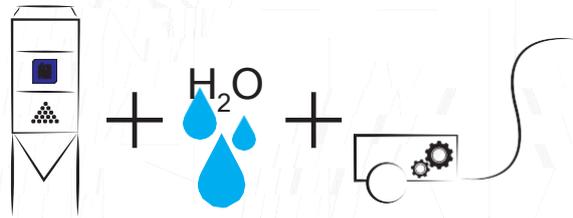




TECHNICAL DATA SHEET



PRODUCT LINE dryMIX MIP

Prefabricated dry mix based on blast furnace slag and mineral binders for the construction of underground structural and sealing walls implemented using Mixed-in-Place or Trenchmix technology.



Technology Trenchmix



Technology Mix in Place

Possible uses:

- Special foundation constructions for the foundation of multifunctional objects in urban agglomerations for sealing and constructing structural underground walls in construction pits
- On water management structures in flood control projects
- For improving the subsoil
- For static support of the foundations of construction objects

Advantages:

- Resistance to groundwater seepage
- Consistent quality, recipe adjustment according to the contractor's requirements
- Comprehensive service, logistics including construction silo rental
- Low costs for setting up a construction site
- Storage in mobile silos: min. 4 weeks



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Processing:

DryMIX MIP 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 into the machine, depending on the selected technology (MIP, Trenchmix, etc.)

Technical data (TAB No. 1):

Example recipe: SUSPENSION

TYPE:	3	2	TRENCHMIX
dryMIXMIP (kg/m ³)	740	745	700-750
Drinking water (kg/m ³)	740	745	750-875
Water coefficient (W/C)	1,0	1,0	1,07-1,12
Bulk density (kg/l)	~ 1,48	~ 1,49	1,44-1,49
Marsh funnel (sec/l)	~ 32	~ 32	33-37
Water impermeability Kf (m/sec) after 28 days, suspension:	< 1,0 E-09	< 1,0 E-09	< 1,10 E-09
Compressive strength Df (MPa):			
Simulated wall sample, mixing ratio 1:1:5 (DRYMIXMIP/DRINKING WATER/Standard Sand)			
- after 3 days (MPa)	0,5	1,0	-
- after 7 days (MPa)	2,0	3,0	0,2-0,3
- after 28 days (MPa)	6,0	7,0	0,4-0,5
- after 56 days (MPa)	8,0	10,0	>0,5
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 at the contractor's site
- rental of mobile construction sites
- comprehensive service, logistics

Delivery form:

• dryMIXMIP is transported in bulk in tanker trucks and is pumped into mobile silos directly on site. The condition is always a passable road for tanker trucks! Take advantage of 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!