



TECHNICAL SHEET

BrickMix MH.1 – Mortar mixture for walling and simultaneous pointing of facing bricks

Dry mortar mixture. Matching the mortar for walling, class G, according to ČSN EN 998-2-2010.

Area of use:	For walling and subsequent one-step pointing of facing bricks with absorption to 6% or other shaped bricks with lower absorption
	For interior or exterior
	Wind resistant
	Frost resistant, efflorescence resistant
	High stability, color stability
	Well-processed with decreased dustiness
	Keeps diffusion qualities

Content of material:	Dry cement mortar mixture, inorganic cements and gravels, mixtures and additives to improve the structure during processing
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Technical data:	Specific granularity	0 - 4 mm
	Amount of mixing water for 1 bag (30 kg)	approx. 4,5 l
	Thickness of bonding layer	to 15 mm
	Consumption time	approx. 2 hours
	Compression after 28 days	$\geq 5,8 \text{ N/mm}^2$
	Grouting the joints	ad processing
	Fully mature, colorfulness	after 28 days
	Volume weight of fresh mortar	1,8 - 1,9 kg/dm ³
	Weight of dry mortar	1,5 - 1,6 kg/dm ³

Consumption:	After mixing the content of 1 bag (30 kg) with the mixing water you will get 26 l of fresh mortar. The final consumption depends on the brick format and the amount of holes.	
	WDF (perforated)	approx. 55 kg/m ²
	NF (perforated)	approx. 55 kg/m ²
	ČF (perforated)	approx. 70 kg/m ²
	DF (perforated)	approx. 65 kg/m ²
	RF (perforated)	approx. 63 kg/m ²
	The real consumption depends on amount and shape of holes, qualities of bricks, types of bricks, technology of filling joints and manipulations with tools.	



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Requirements for walled bricks:	Bricks must be clean, without dust or any other building dirt. Control bricks before using. There should not be any cracks or visible damages. Side of the brick which is placed in the mortar has to be clean. Clean the possible dirt from this side before placing. If such a side of the brick is greasy it is necessary to remove the grease before placing. Do not soak the bricks into the water before walling! In case of extreme weather do not use frozen or hot bricks.
Processing:	<p>Mix the mortar in a clean container with the correct amount of mixing water. The mixture must be properly mixed without lumps</p> <p>While mixing; it is possible to use all types of low-speed mixers or electric mixer</p> <p>For mixing use clean drinking water or water according to ČSN EN 1008. Unclean water can cause the efflorescence</p> <p>After maturation (approx. 5 min) mix again</p> <p>Temperature for use is from +4°C to +28°C</p> <p>Never add any additives, anti freeze mixtures or fillers into the mortar</p> <p>Never dilute the mortar in the container with more water! It would lead to the bad technical structure of the mortar</p> <p>Always add the same amount of mixing water to avoid color changes</p>
Application:	<p>Put the mortar on horizontal joint by using a trowel so the whole area of the joint will be filled</p> <p>Thickness of the mortar layer should be approximately 2 mm thicker than the final thickness of the joint (for example; for 10 mm joint you should make 12 mm thick mortar layer)</p> <p>After applying mortar start putting facing bricks; straight them in line and attached them to mortar by slightly tapping</p> <p>Carefully take off remaining mortar by trowel; so bricks will not get dirty</p> <p>Wait till the mortar get hard (it is not possible to press the correctly harden mortar with a finger)</p>



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Application:	Then adjust the joint into desired profile, shape and structure by using a suitable tool (for example; wooden stick, metal scraper, rubber hose, etc.)
	Always adjust the surface in the same level of mortar hardening in the joint
	Last step is to clean the mortar joint; use soft brush without water
	Do not soak the tools into the water; do not work with wet tools
	Mixture for grouting should not be prepared together with other mortars containing lime or its compounds
	Do not mix the hardening grouting mixture with other water; it can cause color differences of the joint
	Recommendation: Try walling with a small amount of bricks on the trying area to see final look, coloring, structure and shape of the joint etc. before the main walling
	Prepare and use the amount of mortar that can be processed in 20 minutes. This period of time can be smaller in connection with high temperature
	Keep the dilatational joints clean
Quality assurance:	Quality is constantly checked in the laboratory of production plant
Packaging:	In a paper ventilated bags of 30 kg
Disposal of packaging:	Empty completely the content and dispose as other waste
Form and time of storage:	Store in a dry place. Avoid the place with high humidity (max. 75%). Under these conditions the time of usage is 6 months from the date of production shown on the packaging
Safety:	Mixing the mortar with the water create alkaline mixture. Do not eat and smoke during application. Use protective clothing. If it comes to eye contact rinse with water and immediately consult with doctor



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First aid:	If it comes to contact with eyes rinse them with a big amount of clean water. If it comes to skin contact wash the area with a big amount of clean water and then with a moisturizer soap. In case of medical problems or any doubts contact doctor
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It is necessary to follow the instructions and guidelines, standards and valid technical data as well as recognized architectural and technical norms. We guarantee the perfect quality of our products. Our recommendation is based on tests and practical experiences. However we can not affect different conditions on the building sites. We provide technical advice only as a secondary service. Therefore no mandatory requirements can be obtained from us.

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