



## TECHNICAL SHEET

### BrickMix SH – Pointing mortar for brick-slips

Dry mortar mixture. Matching the improved cement pointing mortar, specification CG2W according to ČSN EN 13888.

<b>Area of use:</b>	For additional grouting of water absorbent or non-absorbent brick, ceramic, concrete, natural or artificial tiles and stone areas	
	For interior or exterior	
	Water resistant (reduced water absorption)	
	Wind resistant	
	Highly resistant against washout or rainwater	
	Hydraulically stiffen, perfect workability with density of moisture mixture (does not dirty the tiles)	
	Reduction of possibility of efflorescence	
	Using the pointing mortar avoid the formation of tension and cracks in the joints	
	Several colors in sampler	
<b>Content of material:</b>	Dry mortar mixture composed of inorganic binders (cement), aggregates of granite 0 – 2 mm, ingredients and additives to improve the structure during processing and possible color pigments	
<b>Technical data:</b>	Specific granularity	0 – 2 mm
	Amount of mixing water for 1 bag (30 kg)	approx. 3,5 l
	Consumption time	approx. 1,5 hours
	Compression after 28 days	$\geq 15,0 \text{ N/mm}^2$
	Volume weight of fresh pointing mortar	1,8 - 1,9 kg/dm <sup>3</sup>
	Weight of dry pointing mortar	1,5 - 1,6 kg/dm <sup>3</sup>
	Temperature during processing	4°C - 28°C
<b>Consumption:</b>	After mixing the content of 1 bag (30 kg) with the mixing water you will get 17 l of fresh pointing mortar.	
	WDF	approx. 7,5 - 7,8 kg/m <sup>2</sup>
	The real consumption depends on size of tiles, deepness and width of joint, consistency of pointing mortar and manipulation with tools	



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<b>Requirements for base:</b>	The base must be flat, technologically mature, dry and clean of dust. All the building elements must be built into the base. The tile grouting should be made 3 weeks after bonding the tiles. Minimal depth of joint must be 10 mm or more, depending on the type of slips. No remainder of adhesive should be left in the joints. It could influence the color of pointing mortar after hardening. Slightly water the joints to remove the dust before grouting. No remainder of water after cleaning or rain water should be left in the joints before grouting.
<b>Processing:</b>	<p>Mix the mixture with clean drinking water or water according to ČSN EN 1008. Unclean water can cause the efflorescence.</p> <p>Mix properly several minutes till you get the consistency of damp mixture, without lumps</p> <p>After pressing the mixture in the palm, the right consistency hold together, does not dirt your palms and after throwing it back into the container it falls apart</p> <p>Temperature for use is from 4°C to 28°C, do not work in direct sunlight</p> <p>In time of maturing approx. 7 days, protect the grouting area from excess humidity, quick drying or frost</p> <p>Never add any additives, anti-freeze mixtures or fillers to the mixture</p> <p>Order the pointing mortar at once for each project and grout the whole area. Do not leave un-grouted areas for late finish!</p>
<b>Application:</b>	<p>Fill the whole joint with the pointing mortar, use the suitable tools. Fill the joint properly in a whole width and depth without leaving any gaps</p> <p>Squeeze the pointing mortar into the joint with suitable tool</p> <p>After slightly hardening of the mixture modify the pointing mortar with correct tool (wooden peg, metal scraper, hose, etc.) to achieve the required profile, shape and structure</p> <p>Always modify the joints at the same level of hardening/drying</p> <p>For the final finish clean with a dry and soft brush. Do not use water</p> <p>Do not water the used tools and do not work with wet tools</p> <p>Do not prepare the mixture together with other mortars containing calcium</p>



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<b>Application:</b>	Never dilute the hardening mixture with water, it would lead to different color of pointing mortar
	<b>Recommendation:</b> Before grouting the project, try separately to grout small area to see the final finish, color, surface and shape of the joint
<b>Quality assurance:</b>	Quality is constantly checked in the laboratory of production plant
<b>Packaging:</b>	In a paper ventilated bags of 30 kg. Other packing is possible.
<b>Disposal of packaging:</b>	Empty completely the content and dispose as other waste
<b>Form and time of storage:</b>	Store in a dry place. Avoid the place with high humidity (max. 75%). Under these conditions the time of usage is 12 months from the date of production shown on the packaging
<b>Safety:</b>	Mixing the pointing mortar with 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
<b>First aid:</b>	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

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. We provide the guarantee on different color shade only on dry unused mixture before application. 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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