

MARBOS PU - Binder

Binder made of polyurethane resin for binding of clean, dry stone fractions.

Application areas:	For drainable binding of sand, gravel and decorative stones for e.g. gravel borders, tree discs.
	<ul style="list-style-type: none"> • For floor • For indoors and outdoors

Properties:	<ul style="list-style-type: none"> • Single-component • Solvent-free • Lightfast • UV and weather resistant • Odorless • Abrasion resistant • Easy to clean • Easy to process
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Material basis:	<ul style="list-style-type: none"> • Special polyurethane resins
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Technical data:	Color	transparent
	Processing temperature	+ 8° C bis + 25° C
	Processing time	ca. 30 minutes
	Walkable	after ca. 8 hours
	Loadable	after ca. 7 days

Substrate preparation:	<p>The substrate must be dry, load-bearing, free from dust, dirt and other adhesion-reducing substances.</p> <p>A non-drainable substructure leads to waterlogging and, in the event of frost, to destruction; therefore, in the case of sealed substructures, ensure that the seeping water is drained away.</p> <p>Avoid standing water.</p> <p>Constructive working joints from the substructure are to be transferred.</p> <p>Only aggregates that are clean and dry on all sides may be used to ensure optimum adhesion of the binder to the stone flanks.</p>
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Working:	<p>Thoroughly mix the dry aggregate with the binder in a clean, dry mixing container, making sure that all aggregates are evenly wetted.</p> <p>Roughly distribute the mixture thus prepared to the desired layer thickness and then compact and level it with a stainless steel or plastic smoothing trowel.</p> <p>When using aggregate size 2 - 4 mm, the average layer thickness is ca. 20 - 30 mm.</p>
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Post-treatment:	The binder reacts with moisture, therefore protect against rain for two days using suitable means.
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Material consumption:	<ul style="list-style-type: none"> • Ca. 0,5 kg for aggregate size 8/16 per 25 kg of aggregate • Ca. 1 kg for aggregate size up to 1mm per 25 kg of aggregate • 0,5 – 1,0 kg/per 25 kg of aggregate depending on aggregate size and texture.
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Packaging:	<ul style="list-style-type: none"> • 1 kg Can - 11 pieces / carton
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Storage:	<ul style="list-style-type: none"> • Immediately seal opened containers and consume within the shortest possible time. • In sealed, undamaged cans for 9 months from date of manufacture.
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Waste management:	Only empty containers should be recycled. Allow containers to air out for at least 24 hours after emptying. Hardened material residues can be disposed of according to EWC code No. 080111 (Paint and varnish waste containing organic solvents or other hazardous substances).
Cleaning:	Immediately clean containers, tools, etc. with water. Cleaning is only possible by mechanical means once the product has hardened
Safety note:	<ul style="list-style-type: none"> • Ensure sufficient ventilation. • Wear suitable protective clothing. • Working gloves made of butyl rubber, nitrile latex or PVC. • The notes on special dangers and safety advice must be observed. • Keep out of the reach of children. • Additional information: see safety data sheet.
Note:	<ul style="list-style-type: none"> • The technical data relates to +20 °C and 50 % rel. humidity. Lower temperatures extend the specified values, higher temperatures shorten them. • For the work to be performed, the relevant recommendations, guidelines, standards and regulations as well as the generally recognized rules of technology must be observed. • Comply with consumption specifications. • In cases of doubt, create trial areas.

During execution of work the relevant recommendations and guidelines, rules and standards, relevant technical instruction leaflets as well as the acknowledged rules of architecture and engineering have to be regarded. We do not have any influence on different weather/substrate and object conditions. Our written and spoken application/technological recommendations handed out to customers and craftsmen respectively are without obligation and do not constitute any contractual legal relationship and no lateral duty of a sales contract. All indications and recommendations of technical data sheets refer to standard purpose of use. With the publication of this technical instruction sheet, the previous ones lose their validity. This is a translation. Please refer in any case of misunderstanding the relevant German technical data sheet. Ed. 17.01.2022