



Thick bed Trass Mortar



Middle bed Trass Mortar



Joint solutions






Additives



Price list valid until 31.12.2007

All prices are **to order** and exclude 7% VAT. Delivery time 3 months after purchase order. Pricing is calculated free BKK Customs warehouse. Transportation to construction side will be charged extra. Product could be delivered in single packs, EU pallets or full sea container. Project prices on demand

Trass binding material for thick bed mortar





	<p>Trass cement original 40 L TZ-o</p> <p>For production of resistant construction mortar for interior and exterior usage. In particular for laying sensitive natural stones. Contains 40% original tubag Trass</p> <p>Puzzolancement CEM IV/B (P) 32,5 N germ DIN EN 197</p> <p>Color: grey/beige</p>
	<p>Trass cement special TZ-s</p> <p>For production of resistant construction mortar for interior and exterior usage. In particular for laying high sensitive natural stones with great risk of discoloration. Contains 540% original tubag Trass</p> <p>Special cement made from rheinland Trass DIN 51043, Cement CEM I 52,5 R following DIN EN 197 and special additives.</p> <p>Color: light grey</p>
	<p>Trass cement rapid TZ-r</p> <p>For production of resistant concrete and construction mortar with high early strength for indoor and outdoor usage. With 45% latently hydraulic Materials, original tubag Trass</p> <p>Composite cement CEM V/A (S-P) 52,5 N following DIN EM 197</p> <p>Color light grey</p>

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Thick bed mortar



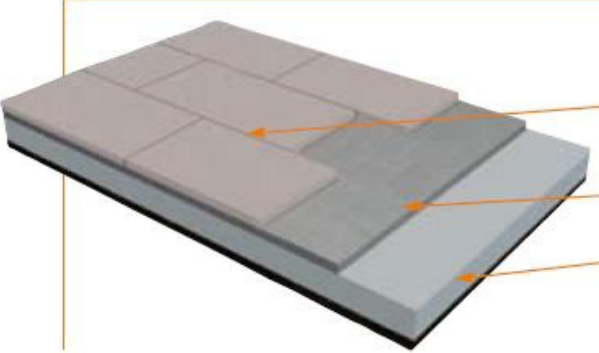
	<p>Trass natural stone thick bed mortar TN</p> <p>Mortar for natural stone as Basalt, Granite, Porphyry or equivalent. For outside and inside usage.</p> <p>Layer thickness: 20-40 mm Consumption: ~ 15 KG/m² per cm layer thickness Granulation: 0-4 mm Color: grey</p>
	<p>Natural stone laying mortar NVL300</p> <p>Thick bed mortar for set and lay of natural stones or plates with more at the same time grouting process. For outside and inside usage.</p> <p>Layer thickness: 20-40 mm Consumption: ~ 15 KG/m² per cm layer thickness Granulation: 0-4 mm Color: grey</p>
	<p>Trass natural stone thick bed mortar special TN-s</p> <p>Mortar for natural stone with high risk of discoloration as Jura, Carrara. For outside and inside usage.</p> <p>In case of thermal load Layer thickness: 20-40 mm Consumption: ~ 15 KG/m² per cm layer thickness Granulation: 0-4 mm Color: light grey</p>
	<p>Trass drainage mortar TDM</p> <p>Water permeable mortar for natural stone For outside and inside usage.</p> <p>Water permeability > 1000 l/m²/h</p> <p>Consumption: ~ 16 KG/m² per cm layer thickness Granulation: 1,5-4 mm Color: grey</p>

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Middle bed mortar for natural stones with low risk of discoloration

 <p>25 kg</p>	<p>Flexible middle bed mortar FXM 600</p> <p>Normal hardening, flexible middle bed mortar for laying natural stones or plates with low risk of discoloration. Ideal for heavy plates from concrete-stone material. The FXM is highest stable and usable for outside and inside. With original tubag Trass</p> <p>Layer thickness: 5-40 mm Consumption: ~ 12 KG/m² per cm layer thickness Granulation: 0-4 mm Color: grey</p>								
 <p>25 kg</p>	<p>Flexible quick middle bed mortar FXM 611</p> <p>FXM611 is the quick hardening variant of the middle bed mortar FXM 600. His fast tying time guaranties a rapid construction. The layer thickness from 5-40 mm makes optimal lying of stones with low risk of discoloration possible, special on uneven undergrounds. Usable for outside and inside. With original tubag Trass</p> <p>Layer thickness: 5-40 mm Consumption: ~ 12 KG/m² per cm layer thickness Granulation: 0-4 mm Color: grey</p>								
<div style="text-align: center;"> <h3>System structure for middle bed mortar</h3>  </div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; vertical-align: top;">Surface:</td> <td>natural stones and plates with low risk of discoloration</td> </tr> <tr> <td style="vertical-align: top;">Grout:</td> <td>Trass- natural stone grout mortar flex TNF-b large TNF-s small</td> </tr> <tr> <td style="vertical-align: top;">Mortar:</td> <td>Middle bed mortar FXM 600/ FXM 611</td> </tr> <tr> <td style="vertical-align: top;">Underground:</td> <td>concrete or screed</td> </tr> </table>		Surface:	natural stones and plates with low risk of discoloration	Grout:	Trass- natural stone grout mortar flex TNF-b large TNF-s small	Mortar:	Middle bed mortar FXM 600/ FXM 611	Underground:	concrete or screed
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Middle bed mortar for laying natural stones wit high risk of discoloration


	<p>TRASS natural stone mortar vario FX middle bed FNM Vario FX</p> <p>Flexible middle bed mortar with supporting grain for natural stone plates or tiles. Especially for plates with very high backside profile, unevenly thickness and high weight. Very well suitably for uneven undergrounds. For outside and inside.</p> <p>Layer thickness: 5-25 mm Consumption: ~ 13 KG/m² per cm layer thickness Granulation: 1-5 mm Color: light grey, natural white</p>								
	<p>TRASS natural stone mortar vario FX middle bed quick FNM Vario FX-s</p> <p>Rapid drying, flexible middle bed mortar with supporting grain for natural stone plates or tiles with high risk of discoloration. Especially for plates with very high backside profile, unevenly thickness and high weight. Very well suitably for uneven undergrounds. For outside and inside.</p> <p>Layer thickness: 5-25 mm Consumption: ~ 13 KG/m² per cm layer thickness Granulation: 1-5 mm Color: natural white</p>								
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Thin bed mortar

	<p>Marble adhesive white MK 900</p> <p>White, C2 TE high flexible thin bed adhesive. As white adhesive is MK 900 ideal for laying all kind of material with high risk of discoloration.</p> <p>Special for natural stone, marble, light granite, glass mosaic.</p> <p>MK 900 fulfills all regulations for flex mortar.</p> <p>Contains original tubag Trass</p>
	<p>Marble adhesive white quick MK 911</p> <p>Rapid drying variant of MK900.</p> <p>Because of the very quick hardening features and walk over possibility after 3 hours, you will find MK911 as the ultimate usage tool for short scheduled work.</p>

Additives

	<p>Flexo trass dispersion TFD</p> <p>Improving of thick bed mortars for laying natural stones. By adding Flexo Trass Dispersion the flexibility of the mortar will be increased.</p> <p>The optimized mortar could be used in thermal affected areas.</p> <p>The binding features of the mortar will be increased.</p> <p>Consumption approximately.. 1,0-2,5 l per 25 kg dry mortar Container size:: 1 l / 5 l</p>
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Joint mortar






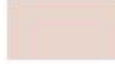
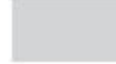



	<p>Marble and natural stone joint material MF 911</p> <p>For natural stone and marble or light granite with high risk of discoloration. Useable for grout sizes from 3 to 8 mm. The original Trass additives and the quick drying time prevent discolorations and mineral bleeding.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> white</div> <div style="text-align: center;"> beige</div> <div style="text-align: center;"> light grey</div> <div style="text-align: center;"> silver grey</div> <div style="text-align: center;"> anthracite</div> </div>
	<p>Trass natural stone joint mortar flex TNF-b / TNF-s</p> <p>Flexible joint dredge mortar for the grouting of all kind of natural stones and plates. The Trass natural stone joint mortar flex guarantees long time safe natural stone work because of his high load of Trass additives. TNF-b is usable for grout of 3 up to 15 mm. TNF-s is usable for grout sizes of 2-7 mm.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> white</div> <div style="text-align: center;"> beige</div> <div style="text-align: center;"> light grey</div> <div style="text-align: center;"> silver grey</div> <div style="text-align: center;"> anthracite</div> </div>
	<p>Trass grout mortar for polygonal plates TFP</p> <p>Especially made for extra large joints in natural stone work. This joint mortar contains a big corn of 4 mm and is usable for joint sizes of up to 50 mm. Especially for laying polygonal plates with different joint sizes.</p> <div style="text-align: center; margin-top: 20px;">  grey </div>

Table of consumption

Tile and stone size	Joint depth 5 mm / Joint width					
	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm
10/10	ca. 0,6 kg/m ²	ca. 0,7 kg/m ²	ca. 0,9 kg/m ²	ca. 1,1 kg/m ²	ca. 1,5 kg/m ²	ca. 1,8 kg/m ²
10/20	ca. 0,4 kg/m ²	ca. 0,5 kg/m ²	ca. 0,7 kg/m ²	ca. 0,8 kg/m ²	ca. 1,1 kg/m ²	ca. 1,4 kg/m ²
15/15	ca. 0,4 kg/m ²	ca. 0,5 kg/m ²	ca. 0,6 kg/m ²	ca. 0,8 kg/m ²	ca. 1,0 kg/m ²	ca. 1,3 kg/m ²
20/20	ca. 0,3 kg/m ²	ca. 0,4 kg/m ²	ca. 0,5 kg/m ²	ca. 0,6 kg/m ²	ca. 0,7 kg/m ²	ca. 0,9 kg/m ²
20/25	ca. 0,2 kg/m ²	ca. 0,3 kg/m ²	ca. 0,4 kg/m ²	ca. 0,4 kg/m ²	ca. 0,6 kg/m ²	ca. 0,7 kg/m ²
30/30	ca. 0,2 kg/m ²	ca. 0,2 kg/m ²	ca. 0,3 kg/m ²	ca. 0,4 kg/m ²	ca. 0,5 kg/m ²	ca. 0,6 kg/m ²
40/40	ca. 0,1 kg/m ²	ca. 0,2 kg/m ²	ca. 0,2 kg/m ²	ca. 0,3 kg/m ²	ca. 0,4 kg/m ²	ca. 0,5 kg/m ²

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Avoid these problems with tubag TRASS Ready mix mortar



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