



TECHNICAL SHEET

BrickMix LH.3 – Flexible adhesive for brick-slips and pavers, signification C2T

Improved cement-adhesive with reduced slip, signification C2T according to ČSN EN 12004+A1:2012

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| Area of use: | Flexible, frost resistant, waterproof, hydraulically setting areas |
| | With reduced slip |
| | For bonding of ceramic brick-slips, standard slips (interior and exterior) |
| | For bonding large format (only interior) ceramic tiles, pavers and concrete tiles (water absorptive as well as non-absorptive) |
| | Highly stable, suitable for loaded areas and places (for example: garages, workshops, large-capacity kitchens, showers, etc.) |
| | For floor heating |
| | For drive loading up to 3,5 tones |

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| Content of material: | Dry cement mortar mixture, selected fillers, mixtures and additives to improve the structure during processing |
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| Technical data: | Specific granularity | 0 – 0,5 mm |
| | Amount of mixing water for 1 (25 kg) bag | approx. 6,0 l |
| | Thickness of bonding layer | to 10 mm |
| | Consumption time | approx. 3 hours |
| | Working time | approx. 20 minutes |
| | Maturing time | approx. 5 minutes |
| | Compression after 28 days | $\geq 15,0 \text{ N/mm}^2$ |
| | Grouting the walls | after 24 hours |
| | Grouting the floors | after 24 hours |
| | Loading by walking | after 24 hours |
| | Full loading | after 14 days |

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| Consumption: | After mixing the content of 1 bag (25 kg) with mixing water you will get approx. 18,5 l of fresh mortar | |
| | Trowel 6 – 8 mm | approx. 4,5 kg/m ² |
| | The real consumption depends on the structure of the base, type of tiles or pavers, manipulation with the tools | |



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| Requirements for base: | Mineral base (for example cement layer, concrete, heated anhydrite floors, core plasters, precise masonry, in interior also on waterproof cement layers and dispersal, etc.) must be technologically mature, solid, without cracks and dust. Less solid layers must be removed, extremely smooth layers roughen. Greasy surfaces must be degreasing. In case of strong water absorption surface use the universal basic varnish the base should not have glassy surface, otherwise it would not hold properly to the surface. The basic varnish is possible to dilute (see the instruction on the label). For anhydrite and plaster base is necessary to use suitable penetration varnish. Remainder of humidity of concrete bases can be max. 2,5%, anhydrite unheated floors max. 0,5%. |
| Processing: | Mix the adhesive in a clean container with the correct amount of mixing water. The mixture must be properly mixed without lumps. |
| | For mixing use clean drinking water or water according to ČSN EN 1008 |
| | Unclean water can cause the efflorescence |
| | After maturation (approx. 5 minutes) mix again |
| | Temperature for use is from 4C to 28C |
| | Never add any additives, anti-freeze mixtures or fillers to the adhesive |
| | Never dilute the adhesive in the container with more water! It would lead to the bad technical structure of the adhesive |
| Application (of brick-slips): | Apply the adhesive with the toothed trowel 6- 8 mm on the wall (surface) so that the teeth touch the surface |
| | Also spread the 1 mm layer of adhesive to the back side of each brick-slip and press by waggles movement to the prepared area |
| | Prepare only the amount of adhesive which can be used within max. 20 minutes. The time of consumption can be shortened by high temperature. |
| | Dilatation joints must be kept clean |
| Quality assurance: | Quality is constantly checked in the laboratory of production plant |



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| Packaging: | In a paper ventilated bags of 25 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 12 months from the date of production shown on the packaging |
| Safety: | 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 |
| 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 |

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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