


MO 35 QUICK

Corrective material

	<p>Quick-setting, high-strength corrective material for local repairs and fixation.</p> <p>DECLARATION: Rendering and plastering mortar (GP) according to EN 998-1, category CS IV and W0.</p>
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APPLICATION:

This product is intended for express high-strength repairs of all concrete base structures before the laying of wall and floor tiles. The final walking surface is after 1 hour, and it is suitable for the laying of tiles.

This product is suitable for the fixing of distribution lines in masonry grooves, mounting of load-bearing anchors, and other elements into building structures.

COMPOSITION:

Aggregates, hydraulic binders, redispersible polymer, and other additives improving processing and end-use properties of the material.

TECHNICAL PARAMETERS:

MANDATORY			
Compressive strength *)	min. 35.0 MPa	Reaction to fire	Class A1
Binding force – method of separation (FP)	min. 0.3 MPa (FP: B)	Volume weight of hardened mortar	1900-2100 kg/m ³
Capillary absorption of water (category W1)	max. 0.4 kg/m ² .min ^{0.5}	Coefficient of heat conductivity λ	max. 1.42 W/m.K **)
Water vapour diffusion resistance factor μ	max. 35	Pot life (at 5-30°C)	min. 20 min
Durability – number of cycles ***)	min. 15		
*) category CS IV (compressive strength \geq 6 MPa) **) tabular value ***) testing of frost resistance of mortar according to ČSN 72 2452			

INFORMATIVE		
Grain size		0-0.7 mm
Amount of mixing water:	per 1 kg of dry mixture	0.19-0.21 l/kg
	per 1 bag (10 kg)	1.9-2.1 l
Spreading rate		approx. 1650 kg/m ³
Recommended thickness of layer:		2-30 mm
Usage – at layer width of 10 mm		approx. 17 kg/m ²
Surfaces loaded by walking people (final walking surface) – waiting time		after 1 hour
Load-bearing capacity (full)		after 24 hour

NOTE: The technical parameters are determined under standard conditions (20 ± 2)°C and (65 ± 5)% of relative air humidity.

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The company is registered in the Companies Register, administered by the Regional Court in Plzeň, Section C, File 22719

TECHNICKÝ LIST /

BASE PREPARATION:

The base (repaired concrete, reinforced concrete, natural and artificial stones) must be dry, clean, load-bearing, free of small fragments, incoherent parts, dust and grease. The repaired base should be provided with the PE 202 penetration coating or connection bridge PE 204 (concentration and the number of penetration coatings – see the Table)

Base type	Penetration type – dilution – number of coatings	Usage of concentrated penetration	
Highly absorbing (lightweight concrete)	PE 202 : H ₂ O 1st coating 1:5; 2nd and 3rd coating 1:3	PE 202 :	0.35 l/m ²
Medium absorbing (normally polished concrete, anhydrite)	PE 202 : H ₂ O 1st coating 1:5; 2nd coating 1:3	PE 202 :	0.25 l/m ²
Low absorbing (mechanically polished concrete)	PE 202 : H ₂ O 1 coating 1:3	PE 202 :	0.15 l/m ²
Non-absorbing (ceramics, stone, hardened polymers)	PE 204 : H ₂ O 1 kg : 0.36 l	PE 204 :	0.50 kg/m ²

The penetration should be applied uniformly and directly on the base, using a brush, or roller. The subsequent coating should always be applied when the previous coating is dry. Under normal conditions, the drying time of coating is 60-120 minutes, according to concentration. PE 204 will dry after approx. 24 hours.

PROCESSING:

Pour the dry mixture into a prescribed amount of water, and mix thoroughly to product a homogeneous mass (consistency should be selected according to the corrected structure), and apply on damaged areas. Form the mass using a spatula, or a steel spreading trowel in a continuous area. Mix only such an amount of mass as you can process within 20 minutes, or earlier! After exceeding the recommended time, the mass is not longer processable.

Loading:

The surface is intended as a final walking surface 1 hour after application, and tiles may be laid on this surface.

CAUTION:

- For design of masonry structures, design considerations, selection of materials and execution of masonry, EN 1996-2 should be followed.
- When designing, preparing, and applying plasters, EN 13914-1 and EN 13914-2 (ČSN 73 3715 for internal plaster systems) should be followed.
- The mixture can be mixed only with drinking water, or water conforming to standard EN 1008.
- It is inadmissible to add additional binders, aggregates, and other inadvisable additives. Sifting of the mixture is inadmissible too.
- The mixture can be processed only under the air and base temperature over +5°C. The work cannot be done if frost is expected.
- Unused residues should be mixed with water and allow them to harden - they can be disposed of as construction wastes; contaminated containers should be disposed as of hazardous wastes (see the Safety Data Sheet).
- Only completely emptied and clean packaging may be handed over to recycling.

FIRST AID, SAFETY AND HYGIENE REGULATIONS:

See the product Safety Data Sheet.

STORAGE:

The product should be stored in original containers – protected from damage, action of water, and high relative air humidity. If the storage conditions are met, the shelf life will be 6 months. The expiration date is specified on the packaging.

SHIPPING:

The dry mixture is supplied in 10 kg paper bags placed on pallets wrapped in foils.

QUALITY:

- The product quality is regularly checked in the manufacturer's laboratories.
- The production control system is used in manufacture, and a certified quality management system, according to ISO 9001, is applied.
- Continuous surveillance and proving the conformity of products (if necessary) is ensured by TZUS Prague, OS 1020.

DISTRIBUTOR:

LASSELSBERGER, s.r.o., Adolova 2549/1, 320 00 Pilsen – Jižní Předměstí

VALIDITY:

Since 1 July 2015

We reserve the right to make any changes that are the result of technical progress. This issue cancels and supersedes all previous issues.

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