

weber.mix 622

Insulating masonry mortar (LM 36 - thermal conductivity λ 0.36 W/m·K)

Insulating masonry mortar for laying heat-insulating masonry blocks

Fields of application

As lightweight masonry mortar for laying heat-insulating bricks, for ex. lightweight vertically perforated bricks, aerated concrete, pumice blocks, etc.

Description

weber.mix 622 is a factory-mixed dry mortar according to EN 998-2.

Composition

Cement, classified mineral aggregates, mineral light aggregates, additives

Main features

- high yield
- highly heat-insulating
- easy application

Technical values

Application temperature:	+5°C - +30°C
Pot life:	approx. 1.5 - 2 hours at +20°C
Thermal conductivity:	\leq 0.36 W/mK
Compressive strength (28 days):	$>$ 5 N/mm ²
Mortar class:	M 5 (EN 998-2)
Mortar group:	LM 36 (DIN 18580)
Reaction to fire:	A 1 (non-combustible)

Quality control

weber.mix 622 is subject to a regular quality control by external monitoring and self-monitoring according to EN 998-2.

General notes

- The evenness of the substrate must comply with the allowed tolerances (variations) defined by the national standards and/or guidelines (for ex. norm DIN 1053 "Masonry"). If necessary, take the appropriate remedial measures for levelling unsuitable substrates; if in doubt, request technical advice.
 - Temperature of air, materials and substrate during application and drying: $\geq +5^{\circ}\text{C}$ - $\leq +30^{\circ}\text{C}$
 - Do not add any foreign substances during mixing and application.
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Working instructions

- Mix the bag content with water during 4 minutes, using a forced-action or a free fall mixer, until a lump-free and suitable consistency is obtained.
 - Apply the mortar in the required thickness with a flat trowel
 - Rule level with a slide (mortaring device).
 - Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically.
 - Aftercare: protect the mortar against rain, strong solar radiation and frost, for ex. with protective foils.
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Practical information

Water demand:

30% -37.6%, depending on production site and required consistency

Tools:

Forced-action or free fall mixer, flat trowel or slide (mortaring device)

Storage:

The product can be stored 12 months in its original unopened packaging, if kept dry and protected from moisture.

Technical Data Sheet



Consumption / yield

depending on application: approx. 22.0 liters / 20 kg

Packagings

Type	Sales unit	Number / euro-pallet
Paper bag	20 kg	42 bags

The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.