



# FAST ZM



## Universal construction mortar

### APPLICATION

FAST ZM mortar is a ready-made construction mortar, intended for construction works – primarily bricklaying walls, ceramic blocks and concrete blocks, both inside and outside buildings. It is indispensable for renovation works, saving the time necessary to prepare the mortar from separate ingredients. It is recommended to use FAST GB1 mortar for laying aerated concrete blocks.

### PROPERTIES

FAST ZM is a ready-to-use, dry mixture of minerals and plasticizing additives. FAST ZM universal construction mortar due to its specially selected ingredients can be used both inside and outside buildings. It is water- and frost-resistant. Easy to use, it ensures the same application properties throughout the entire period of renovation works. FAST ZM construction mortar is characterized by good adhesion, high degree of plasticity and very good strength parameters.

### SUBSTRATE PREPARATION

FAST ZM mortar is intended for all mineral, load-bearing surfaces, free from contamination such as dust, grease, bitumen etc. The surfaces should be dry. Any old, loose layers of the surfaces should be removed.

### PREPARATION AND USE

Pour the contents of the package into about 4.0 l of clean water and mix thoroughly with a slow-speed drill until the consistency of the homogeneous mass without lumps is achieved. The mortar prepared in this way should be applied to the previously prepared surface with a trowel evenly on the horizontal surface of the wall to be erected. Works should be carried out at air and surface temperature between +5°C and +25°C.

### TECHNICAL DATA

Base unit	kg
Base	cement mixture with the addition of mineral fillers
Mix proportions	about 4 l of water for 25 kg of dry product
Mortar density after mixing with water	about 1,8 kg/dm <sup>3</sup>
Mortar working time	about 2 hours
Substrate and ambient temperature	from 5 °C to 25 °C
Content of soluble chromium VI	no more than 0,0002 %
Layer thickness	from 5 mm to 40 mm
Fire reaction class	A1
Compressive strength after 28 days	≥ M10 MPa
Flexural strength after 28 days	≥ 1,5 MPa

### USE

Depending on the type of substrate, FAST ZM consumption is from 37 to 50 kg / m<sup>2</sup>. The consumption applies to a wall with a thickness of 12-24 cm

### PACKAGING

bag	25 kg
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CONSTRUCTION MORTAR  
LAST ACTUALISATION: 2022-11-28



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### NORMS

Manufactured in accordance with: PN-EN 998-2:2012 (EN 998-2:2010) It has a valid hygienic certificate

### STORAGE

Store in factory-sealed packages, in dry rooms, on pallets. The shelf life of the product is 12 months.

### NOTES / ADDITIONAL COMMENTS

The scope of the product application recommended and specified in the product sheet or the manner of its execution does not release the contractor from carrying out works in accordance with good construction practice and health and safety rules. P.W. FAST guarantees and is responsible for the quality of the product, but exerts no influence on the method of its application and the conditions in which it was applied. All the technical data were measured under normal conditions, i.e. temp. +20°C and air humidity 60%. Under conditions other than the above, the drying time may change, i.e. it may be extended or shortened.

This sheet replaces all its previous versions.

### WARNING

The product is irritant and contains cement, becomes alkaline after mixing with water. Avoid direct contact with the skin and protect the eyes. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. Keep away from children.

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