



# FAST ZP



## Underlay cement floor from 25-60 mm, CT-C20-F4 class

### APPLICATION

FAST ZP is designed for making floors and cementitious screeds combined with the surface of minimum thickness 25mm or on a separating layer while maintaining a minimum thickness of 35mm. It can be used on any surface made on a hydraulic binder and on a layer of vapor barrier or anti-moisture insulation. The FAST ZP floor is used for the production of elements poured directly on the construction site during renovation or construction of new facilities. It can be used both inside and outside buildings.

### PROPERTIES

FAST ZP is a ready-to-use, dry mixture of minerals and modifying additives. When mixed with water, it forms homogeneous mass, easy to spread, characterized by high adhesion and strength. It is friendly and economical to use. When completely cured, it is frost-resistant and waterproof.

### SUBSTRATE PREPARATION

The surface should be durable, load-bearing and properly seasoned, free from impurities reducing the adhesion of the floor, i.e. grease, dust, bitumen, etc.). Brittle and flaking layers, remains of paint coats and adhesives should be removed. Widen cracks, dust tme and apply **FAST GRUNT U** primer, minor defects should be filled with **FAST SUPER** leveling mortar. Weak surfaces should be strengthened with **FAST GRUNT G** primer. Before starting the work, it is necessary to make edge dilatations (stick to styrofoam or sponge strips on the walls).

### PREPARATION AND USE

Use a slow-speed drill to mix the contents of the bag with 3 - 3.5 liters of cool, clean water to obtain a homogeneous mixture and required consistency. After waiting for about 5 minutes, re-mix thoroughly. Spread the prepared floor mortar onto the surface, and then level it with battens between the previously leveled guides, e.g. strips or pipes. After initial leveling, trowel the surface with a large plastering trowel. Remember that the breaks between the individual floor joints should not be longer than 30 minutes.

Water overdosing changes the parameters of the floor and may lead to cracks. When making the underlay, observe the rules of using expansion joints: construction, insulation and anti-shrinkage. The anti-shrinkage slots should divide the area into smaller areas of not more than 30m<sup>2</sup>, with a side length of up to 6m, and the insulation gaps are designed to separate the screed being made from other structural elements of the building such as columns, walls and stairs, and in places where the thickness of the screed changes. . Works should be performed at air temperature of +5°C to +25°C. Protect freshly laid floor underlays against too quick drying, avoiding drafts, high air temperature above + 25°C, strong sunlight, too low air humidity, etc.



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### TECHNICAL DATA

Base unit	kg
Base	dry cement mix with fillers and modifying agents
Mix proportions	about 3.0 to 3.5 l of water for 25 kg of dry product
Mortar density after mixing with water	about 1,9 kg/dm <sup>3</sup>
Open time of work	about 30 min
Wear time	60 min
Possibility of laying tiles	after about 14-28 days hours
Substrate and ambient temperature	from +5 °C to +25 °C
Content of soluble chromium VI	no more than 0,0002 %
Layer thickness	from 25 mm to 60 mm
Pedestrian traffic	after min. 48 hours
Fire reaction class	A1
Compressive strength after 28 days	≥ 20,0 MPa
Flexural strength after 28 days	≥ 4,0 MPa

### USE

Depending on the type of substrate, FAST ZP consumption is about 2 kg / m<sup>2</sup>.

### PACKAGING

bag	25 kg
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### NORMS

Manufactured in accordance with: PN-EN 13813-2003. It has a hygienic certificate. A declaration of conformity has been issued for the product.

### STORAGE

Store in factory-sealed packages, in dry rooms, on pallets at a temperature of + 5°C to + 25°C. The shelf life 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 the construction practice and health and safety rules. P.W. FAST guarantees and is responsible for the quality of the product, but has 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 different conditions the drying time may change, i.e. it may be extended or shortened.

This sheet replaces all previous versions.



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### 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.

CEMENT FLOOR  
LAST ACTUALISATION: 2022-11-28