



# NEODUR PFM-ZE RAPID

## PAVEMENT JOINT MORTAR ZE RAPID PAVEMENT JOINT MORTAR ON CEMENT BASIS FOR POINTING OF SETT PAVING AREAS

### DESCRIPTION

**NEODUR PFM-ZE RAPID** is a dry mortar acc. to DIN 18557 on the basis of cement and natural sand (0-1 mm) with additives to improve the properties of the mortar. Frost and deicer resistant acc. to CDF. Low chromate content acc. to TRGS 613. Non-combustible (A1) acc. to DIN 4102.

### APPLICATION

**NEODUR PFM-ZE RAPID** is used for the new pointing of natural stone and concrete paving, pavement lines and gutters in bound construction, suitable for traffic circles and curves with high shear forces. Shall only be applied as system component with other NEODUR pavement mortars.

### PROPERTIES

- very good flow and compaction grade
- high compressive, tensile and bond strength
- increased frost and deicer resistance
- durable and non-deformable
- environmentally friendly, non-toxic

### TECHNICAL DATA

**colour:** grey  
**compressive strength:** > 80 N/mm<sup>2</sup>  
**tensile strength:** > 7 N/mm<sup>2</sup>  
**bond strength:** > 1 N/mm<sup>2</sup>  
**processing time:** approx. 20 minutes  
**processing temperature:** +5°C / +25°C

Values on job-site may deviate from the mentioned laboratory values.

### PROCESSING

#### Preparation:

The sub-base must be produced sufficiently load-bearing for the expected traffic stress and controlled. The pavement surfaces must be free from any contamination, the stones must be firmly embedded.

The joint width should be min. 5 mm and be the height of the stone. The sub-base, the bedding and the stones must fill the demands of RStO. The area to be pointed must be thoroughly pre-wet, however, no standing water in the joints.

#### Mixing:

**NEODUR PFM-ZE RAPID** is mixed in pan type mixer or double stirrer for min. 3 minutes. Per bag max. 3,0 l water are admixed

#### Pointing:

The freshly mixed mortar is poured with a vessel into the joint up to 3 cm below the top edge of the stone. The stone surface should not be polluted. After 24 hours the remaining joint height can be pointed with other types of NEODUR paving joint mortars.

### AFTER-TREATMENT

The newly poured paving surface shall be immediately covered with foil until the final pointing is carried out.

### LOADABILITY

Ready for walking stress and pointing after 24 h. Ready for full stress after 7 days. The setting times of the bedding mortar have to be observed.

### TO BE OBSERVED

Hairline cracks due to temperature fluctuations do not influence the functionality of the joint and are not considered a defect. Expansion joints have to be planned and carried out. The relevant norms and guide lines have to be observed. A test area is recommended. The top joint coat is a maintenance area which is exposed to wear and has to be renewed. Further **NEODUR Paving joint mortar systems: PFM-EP, PFM-PU, PFM-ZE Flex**

### SUPPLY/PACKAGING

25kg special paper packaging

### STORAGE

Dry, like cement  
 Shelf-life approx. 3 months

### CONTROL

In-company and external controls  
 Certification: DIN EN ISO 9001:2008

### HINTS

This product contains cement and has an alkaline reaction with moisture/water. Therefore protect hands and eyes. In case of contact with eyes consult a doctor. Our recommendations for application techniques are based on our experiences. It is recommended to adapt the processing to the given local conditions and we refer in this context to our general terms of sale and delivery.  
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**KORODUR International GmbH**

**Head office:**  
 Wemher-von-Braun-Str. 4  
 92224 Amberg  
 P.O. Box 1653 • 92206 Amberg  
 Phone: +49 (0) 96 21 / 47 59 - 0  
 Telefax: +49 (0) 96 21 / 3 23 41  
 info@korodur.de

[www.korodur.de](http://www.korodur.de)

**Bochum-Wattenscheid Works:**  
 Hohensteinstr. 19  
 44866 Bochum  
 P.O. Box 60 02 48 • 44842 Bochum  
 Phone: +49 (0) 23 27 / 94 57 - 0  
 Telefax: +49 (0) 23 27 / 32 10 84  
 wattenscheid@korodur.de

