PLAFIZ 211/2000

FOR IMPROVING SCREED SURFACE HOMOGENEITY.

PCT CHEMIE

PLAFIZ 211/2000
FOR HOMOGENOUS SCREED SURFACES.

1. FUNCTION

Improvement of screed homogeneity. High plasticising effect with good water retention capacity and counteraction of adhesive effects. Improvement of the screed finish.

2. APPLICATION RANGE

For making easy-to-smooth and easy-to-level bonded-cement screeds, screeds on separation layers, floating screeds and heating screeds.

Plafiz 211/2000 is suitable for use indoors and outdoors and in permanently wet areas.

3. TECHNICAL DATA

Plafiz 211/2000 is compatible with CEM I and CEM II cements in accordance with DIN EN 197. The chemical composition of Plafiz 211/2000 does not affect the properties of heating pipe materials and is therefore suitable for use on all DIN-compliant surface heating systems.

Characteristics			
Colour	Dark brown	Material	Above +5 °C up to + 28 °C max.
State	Liquid	Storage stability	Approx. 12 months – store protected from sunlight and above freezing point.
Density (at +20 °C)	1.15	Delivery form	Disposable container PVC canister: 20 kg net

4. INSTRUCTIONS FOR USE

All relevant standards, especially DIN 18353, DIN EN 13813 and DIN 18560, technical instructions and customary industry practices and standards must be observed. For heated screeds, EN 1264-4 and the technical information “Interface coordination for heated floor structures” of the Zentralverband Sanitär Heizung Klima (Central Sanitary, Heating and Air Conditioning Trade Association), St. Augustin, and the information sheets published by the ZDB (Central Association of the German Building Trade) in connection with heated floor structures are also applicable.

Plafiz 211/2000 must not be used in combination with other additives such as air-entraining agents.

Dosage: 50 ml = 250 ml/m³ for each mixture. Observe water reduction. Add Plafiz 211/2000 to the first mixing water. The water amount must then be increased (without Plafiz 211/2000) such that the preferred application consistency is obtained. It is not recommended to add Plafiz 211/2000 to the typically used water barrel as dosage errors and uncontrollable effects in the screed mortar are possible. Overdosage and/or high W/C ratios (> 0.7) can affect the consistency of the mortar to the extent that it is unusable and increase the air pore content of the screed, reducing its strengths. PCT recommends the application of earth-moist to stiff-plastic screed mixtures.

After delivery to the site the mortar must be spread, compacted in accordance with customary industry practices and standards, levelled evenly and, if necessary, also smoothed. The use of smoothing machines is recommended because higher finish qualities and strengths are obtained. Dummy joints and expansion joints must be made in accordance with customary industry practices and standards and the relevant information provided in the respective standards and worksheets of the trade associations. Seal open containers airtight immediately after use and use the contents as quickly as possible.

5. BUILDING CLIMATOLOGY

When applying floor screed outdoors, appropriate protective measures must be taken against direct sunlight, too rapid drying and rain (rain protection for at least 3 days after screed application).

When applying floor screed in the hot summer months it is recommended to restrict the application work to the (early) morning hours.

6. MEASUREMENT OF WORKABILITY

Before application of the floor covering the residual moisture of the screed must be measured in accordance with the CM method by the floor layer.

7. GENERAL

Plafiz 211/2000 is a screed refining agent and additive. The user is obliged to carry out appropriate initial inspections as part of the conformity declaration in accordance with DIN EN 13818 and DIN 18560-1. Moreover, regular inspections of the screed production/manufacture and follow-ups in the so-called “Factory Production Control Manual” are mandatory. These initial inspections are also generally required if the raw materials (sand and/or cement and/or additives) used for screed production change. PCT provides customer support here at all times. Should you have any questions, please do not hesitate to contact PCT.

8. DISPOSAL

Do not allow to enter the aquatic environment, sewage system or soil. Recycle completely empty containers (non-drip and open).

All the information on this product given above is based on extensive practical experience and tests implemented by PCT Performance Chemicals GmbH. However, it is not possible to take all construction site conditions into account and to give suitable instructions for use in each case. It is therefore recommended to verify the applicability, appropriateness and practicability of this information and the intended measures by means of individual tests. PCT assumes warranty for the correctness of this product information and the described properties as well as for the effect of the product. PCT reserves the right to change the product specifications. If the site is or has been supervised by PCT the user is under no obligation to check applicability and appropriateness.

© PCT PERFORMANCE CHEMICALS GMBH Blumenstraße 23-25, 71106 Magstadt, Germany
Phone +49 7159 4062-0, info@pct-chemie.de, www.pct-chemie.com
Status: December 2022. Only valid in connection with other product documents on Plafiz 211/2000.

PCT CHEMIE