

Ready for use filler mortar for high-strength floor surfaces

Product Properties & Description

C-25 is a ready for use, dry, cement-based grey floor mortar, containing specially granulated limestone sand and special organic improving admixtures. Its usage requires only the addition of water.

It is characterized by:

- Consistent product quality
  - High mechanical resistance
  - Excellent adhesion
  
  - High production rates - significantly reduces project completion times and cost.
  - Guaranteed excellent top surface quality (free from cracks), with almost negligible shrinkage.
- It is a floor filler mortar for indoor and outdoor use, certified with CE mark, in accordance with EN 13813 CT-C25-F5 standard.

Fields of application

C-25 is applied as a high-resistance floor filler on industrial floors. It can also be used as a substrate for underfloor heating applications.

Directions of use

Mix C-25 with clean water until the preferred workability is achieved. Mixing is equally easy manually or using any mechanical agitator or pump. C-25 is applied similar to any floor levelling cement mortar. C-25 can be applied using any plaster pump (piston or screw equipped).

Consumption

Indicative consumption 17kg/m<sup>2</sup> per cm of width.

Packaging

Bulk in silos and bags of 40kg (1,4 tons)

Storage

At least 12 months from production date for unopened sacks, in places protected from humidity

Technical data

Form:	cementitious powder
Color:	grey
Particle size:	Up to 4 mm
Water demand:	6,5lt/sack 40 Kg
Bulk density of dry mortar:	1,6±0,10 Kg/Lt
Bulk density of fresh mortar:	1,85±0,05Kg/Lt
Compressive strength after 28 days: (EN 1015-11)	28,00 ± 2,00N/mm <sup>2</sup>
Flexural strength after 28 days: (EN 1015-11)	8,00±2,00N/mm <sup>2</sup>
Pot life:	2,0 h at 20° C
Reaction to fire: (EN 998-2)	Euroclass A1


Remarks

- Prolonged mixing times should be avoided to prevent deterioration of material properties.
- It is not recommended to use the mixture under conditions of frost or heat.
  
- The fresh mortar should be used within 30 minutes from adding water.
  
- The product contains cement, which produces an alkaline reaction with water. It is classified as irritant. In case of eye contact, the affected area should be immediately washed with plenty of water.

# C-25



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TITAN CEMENT SA 22A Halkidos Str., 111 43, Athens, Greece	
12 EN 13813:2002	
DoP No: INTERMIX 22  Cementitious screed material for use internally in buildings (CT-C25-F5)	
Reaction to fire:	Euroclass A1n
Release of corrosive substances:	CT
Compressive strength:	C25
Flexural strength:	F5