

# D-440

## Ready for use floor screed

### Product Properties & Description

D-440 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.

Key features:

- 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.

Floor filler mortar for indoor and outdoor use, certified with CE mark, in accordance with EN 13813 CT-C5-F1 standard.

### Scope of application

D-440 is applied as floor filler as well as screed (minimum thickness 3cm) for the construction of floors that will receive tiles of all types or marble or similar materials.

### Instructions for use

Mix D-440 with clean water until the preferred workability is achieved.

Mixing is equally easy manually or using any mechanical agitator or pump. D-440 is applied in a manner similar to any floor levelling cement mortar

C-440 can be applied using any plaster pump, piston or screw driven.

### Consumption

Reference consumption 16kg/m<sup>2</sup> per cm of thickness

### Packaging

Bulk in urban installation silo  
40kg bags - 1.4 tn pallet

### Storage

At least 12 months from production date  
in sealed bags and in spaces protected  
against humidity

### Technical Characteristics


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)	Class C5
Flexural strength after 28 days: (EN 1015-11)	Class F1
Pot life:	2,0 h at 20° C
Reaction to fire: (EN 1062-2)	Euroclass A1

### CAUTION

- Prolonged mixing times should be avoided to prevent deterioration of material properties
- Using the mix under freezing or extreme heat conditions, is not recommended
- The ready mixed mortar should be consumed within 30 minutes after the addition of 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

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Ready for use filler mortar for floor surfaces

			
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<b>EN 13813 CT-C5-F1</b> <b>D440: Ready for use screed mortar</b>  <b>DoP: INTERMIX No 20</b>			
Compressive strength	Class C25	minimum value	N\mm <sup>2</sup>
Reaction to fire	Euroclass A1		
Release of corrosive substances	CT		
Compressive strength	Class F1	minimum value	N/mm <sup>2</sup>
Sound insulation, Sound absorption	NPD		
Thermal resistance, Chemical resistance	NPD		
Water absorption/ Water vapour permeability	NPD		