



Forcol®

AUTOLEVEL 20

Self-leveling

GREY 25 Kg

Self-leveling, cement-based and fluid mortar specially designed for screeds and floor leveling, with thicknesses ranging from 5 to 20 mm.



COMPOSITION

Made of limestone and siliceous aggregates, Portland cement, and additives of both organic and inorganic nature, which provide improved adhesion, fluidity, and leveling power.

APPLICATION

Self-leveling mortar with excellent leveling capacity and easy application for the regularization of continuous screeds. Ideal for situations requiring a leveled base as a support for subsequent installation of other types of coverings, such as parquet, carpet, ceramic tiles, linoleum, marble, etc. Suitable for floors with radiant heating and as a finishing material for synthetic coatings.

Not suitable for wear surfaces. Suitable for indoor and outdoor use. Not suitable for applications requiring heavy vehicle traffic. Can be applied on new or old floors.

PROPERTIES

- ▶ Product subjected to strict quality control.
- ▶ Complies with Spanish and European standards (UNE, EN).
- ▶ Guaranteed homogeneity; manufactured in facilities with advanced dosing and weighing systems.
- ▶ Easy workability.
- ▶ Excellent leveling power.
- ▶ High final strength.
- ▶ Good finish and surface appearance.

SUBSTRATES

- ▶ Previous hardened mortar screeds.
- ▶ Hardened concrete slabs without release agent residues.

SUBSTRATE CONDITIONS:

Substrates must meet the following conditions:

- ▶ Must be fully cured, resistant, and free of loose parts.
- ▶ Remove dust or materials such as varnishes, oils, gypsum, etc.
- ▶ Repair cracks, small holes, or gaps with the same mortar in a thicker consistency.
- ▶ If wet, dry the surface and wait for moisture to dissipate.
- ▶ On highly porous substrates, apply primer beforehand. For very low porosity substrates (ceramic, polished concrete, wood, etc.), apply a bonding bridge before the self-leveling mortar.

COVERAGE

Approximate consumption:

- ▶ $1.5 \pm 1 \text{ kg/m}^2$ per mm thickness or $20.0 \pm 1 \text{ kg/m}^2$ per 1 cm thickness.

PRESENTATION

FORCOL AUTOLEVEL 20 is a powdered product sold in:

- ▶ 25 kg multi-layer paper bags with moisture-proof film.
- ▶ 1350 kg pallet (54 bags), shrink-wrapped for rain protection, provided bags remain sealed.
- ▶ Color: grey.

STORAGE

12 months from manufacturing date in original sealed packaging, stored in a dry, well-ventilated place, protected from moisture.

OBSERVATIONS

All products undergo quality control in our lab and certified labs. For inquiries about new products or technical advice, contact our design department at:

- ▶ Phone: +34 964 343 300
- ▶ Email: comercial.forcol@origenmateriales.es.

WARNING

This information is based on our tests and experience. Recommendations do not imply any warranty, as application conditions are beyond our control. Users must ensure the product is suitable for their intended use and are advised to conduct a detailed evaluation before large-scale application.

INSTRUCTIONS FOR USE

1. **Mixing:** Add 5.0-5.75 L water per bag (20-23%), mix manually or mechanically at low speed until homogeneous. Let rest 2 min, then remix briefly.
2. **Application:**
 - ▶ Define area and level before pouring.
 - ▶ For surfaces >12 m², install perimeter movement joints with 10 mm compressible material.
 - ▶ For large areas, make partition joints every 25 m² (min width 6 mm, filled with sealant).
 - ▶ Respect expansion joints. Pour or pump mortar, allow self-leveling, finish with straightedge or smooth trowel.
 - ▶ Use spiked roller to remove air bubbles and achieve a smooth surface

APPLICATION PRECAUTIONS

- ▶ Application temperature: 5 °C to 35 °C (air), 5 °C to 25 °C (substrate).
- ▶ Do not apply if frost is expected, in direct sunlight, or with drafts (cover windows/doors if necessary).
- ▶ Do not apply on damp floors or those prone to moisture.
- ▶ Strictly respect mixing water ratio.
- ▶ Do not add any product that modifies the original formulation.
- ▶ Do not add extra water after mixing if the product dries in the container.
- ▶ Minimum thickness: 5 mm.
- ▶ Do not apply on gypsum, old paint, or easily crumbling substrates.
- ▶ Wait 24-48 hours (depending on temperature and humidity) before tiling or textile flooring. For wood, PVC, or paint, wait at least 7 days.
- ▶ For radiant heating floors, turn off 24 hours before application and wait 48 hours before turning back on.
- ▶ Not suitable for heavy vehicle traffic.
- ▶ Avoid inhaling dust and contact with skin and eyes. See safety sheet for more info.

TECHNICAL DATA:

Classification:	CT-C25-F6
Powder density:	1.60 ± 50 g/cm ³
Granulometry:	2.0 mm
Mixing water:	20-23%
Coverage:	20 ± 1 kg/m ² per cm thickness
Paste density:	1.95-2.05 g/cm ³
Pot life:	40-60 min
Application thickness:	5-20 mm
Walkable:	12-24 hours
Floor covering:	24-48 hours
Final properties:	Compressive strength ≥ 25.0 N/mm ² (C25) Flexural strength ≥ 6 N/mm ² (F6) Fire reaction: Class A1



Location: Edificio Simetría
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