



Forcol®

HORMIGÓN H-25

Dry concrete

GREY 25 Kg

Ready-to-use dry concrete mix for non-structural applications, prepared for use once mixed with water.



COMPOSITION

Dry mix of Portland cement, sand, gravel, and organic additives to improve properties (compressive strength, workability, etc.). Raw materials comply with specifications indicated in the Structural Code.

APPLICATION

Suitable for work in normal exposure environments to form resistant material volumes for non-structural applications such as:

- ▶ Pavements
- ▶ Foundations
- ▶ Small repairs
- ▶ Wall construction
- ▶ Concrete partitions
- ▶ Sidewalks
- ▶ Curbs
- ▶ Printed concrete
- ▶ Floor slabs

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 and excellent consistency retention.
- ▶ Ideal for projects with difficult access for concrete trucks.
- ▶ Very practical for small volumes and/or variable shapes.

SUBSTRATES

- ▶ Clean substrates before application.
- ▶ Moisten absorbent substrates to prevent drying of the mix by absorption.
- ▶ Substrate must have adequate strength and be fully cured if applicable.

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:

- ▶ 22–23 kg/m² per cm thickness.

PRESENTATION

FORCOL HORMIGÓN H-25 is sold in:

- ▶ 25 kg paper bags.
- ▶ Pallet: 1350 kg (54 bags), shrink-wrapped for rain protection if bags remain sealed.
- ▶ Color: Gray.

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 2.1–2.5 L of clean water per bag (8.5–10%) and mix mechanically until homogeneous and lump-free.
- ▶ Use clean water free of harmful elements (salt, suspended particles, paint, grease, oils, etc.).
- ▶ Increasing water content reduces concrete quality.

2. **Application:**

- ▶ Apply before setting begins. Minimum thickness: 4-5 cm.
- ▶ Vibrate the mix to ensure proper compaction and remove trapped air.

APPLICATION PRECAUTIONS

- ▶ Do not apply below 5 °C or above 35 °C.
- ▶ Do not add sand, cement, additives, or any product that modifies the original formulation.
- ▶ Respect water ratio to maintain product performance.
- ▶ If mixing in concrete mixers (50–250 L), mix for at least 5 minutes until homogeneous.
- ▶ Avoid drafts (risk of cracks).
- ▶ Cure concrete by spraying water or using curing agents. Increase frequency in hot weather or windy conditions.
- ▶ Do not use concrete under frost or rainy conditions.

TECHNICAL DATA:

Maximum aggregate size:	11 mm
Dry product density:	1800 ± 100 kg/m ³
Mixing water:	8.5-10% (soft consistency)
Consistency:	6-9 cm (with 8.5-10% water)
Paste density:	2150 ± 150 kg/m ³
Maximum use time after mixing:	< 90 minutes
Compressive strength:	≥ 25 N/mm ² (soft consistency)
Setting time:	12-24 hours (depending on climate and curing conditions)



Location: Edificio Simetría
 Paseo Buenavista s/n
 12100 Grao de Castellón (Castellón) - SPAIN
 Tel. +34 964 343 300

Contact emails:
 Export: exportacion.forcol@origenmateriales.es
 Sales: comercial.forcol@origenmateriales.es
 Orders: pedidos.forcol@origenmateriales.es