

TECHNICAL DATA SHEET



If you like it... Crown it!

Crown Gypsum Filler

Product Description

Type: A gypsum-based filler supplied in powder form.

Recommended use: Plasterboard & Drywall partitions filling, stage 1,2,3 stage joint process, placing gypsum planks and for doweling and fixing installations of gypsum cornices, ceiling medallions, gypsum corners and other interior ornamental decorations. It is used for repairs on concrete plaster such as patching holes, filling cracks or making even rough masonry to achieve a smooth, crack-resistant finish especially where a product that sets more quickly, creates a harder surface, and do not sink is required.

Substrates: Interior Plasterboards, Plasterwork, brick, block & concrete.

Advantages: Low shrinkage. Excellent workability. High filling/plastering power. Non-cracking. High stability. Easily sanded. Low VOC. Smooth finish. Initial setting time of 25 – 45 minutes providing maximum work time and onsite wastages.

PRODUCT DATA:

Colour Range: White

Pack Sizes: 25kg

Finish: Matt and smooth when sanded with fine abrasive paper.

Thinner & equipment cleaner: Water

Mixing: Mix 1 part by volume of water to 2 parts by volume of powder. Carefully add powder to the water with mixing until the desired consistency and thickness is achieved. Excessive mechanical mixing should be avoided, and only low-speed mixers used. Leave to mature for 1 - 2 minutes. Product has a short pot-life of 1 hour at 25°C. Mix only enough quantity to be used within the pot-life.

Note:

- ❖ Any contamination from any previously mixed Crown Gypsum Filler can shorten the setting time and reduce the quality of the final set material.
- ❖ Once the material starts to set it must be used quickly or discarded, it cannot be remixed.

Drying Times: **Surface dry:** 1 hour. **Setting time:** 2 hours. **Dry to sand:** 4 hours.

APPLICATION DATA:

The product can be applied by: Steel trowel or spatula



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Surface preparation & Application:

Surface	Preparation	Application
New masonry or any Drywall Plaster	Ensure all loose materials are removed before application Fill holes and cracks with filling knife	Apply Gypsum Filler from bottom to upward direction uniformly with the help of a steel trowel or putty knife to ensure less wastage. Allow to dry at least for 2 hours. After drying of first coat, rub the surface very gently with the putty blade to remove loose particles. Apply the 2 nd coat after the 1 st is fully set. Leave to dry overnight. The total thickness of the coats should not exceed 2 mm. Sand smooth with P320 grit paper and then apply undercoat and topcoat. For deep cracks and repairs, allow first coat to set in about 50 mins before applying a subsequent coat.
Joints	Brush out any loose dust, chalk, grease, fungi, algae and old paint flakes	Place enough of the evenly mixed Gypsum Filler compound to fully fill the joint and level well with a trowel to ensure a tight filling of the gap between the boards. The strip mixture on both sides of the joint should be approx. 20 mm, i.e., wider than the tape used. After the first filling of the joint along its entire length, place the joint/fibre tape and press it to sink into the compound. To separate and remove the excess compound under the tape, smooth it with light pressure along the entire length of the joint. 1-2 mm thick layer of the mixture should remain under the joint strip, which is completely sufficient for strong elastic reinforcement of the joint. Apply a second thin layer of the compound on the levelled joint and bed-in over tape at 60mm width, thus finally leveling the joint with the rest of the wall surface.

Spreading Capacity per coat: Depends on film thickness applied, type of texture, surface porosity, imperfections & wastage during application. Application on a flat, continuous substrate is roughly 1.5 m²/coat (16 sq. ft) per kg.

Availability: From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nakuru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

Storage Conditions: Store under cool dry conditions away from direct sunlight, heat and extreme cold.

Disclaimer: The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control.

Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice.

It is the responsibility of the user to ensure that the latest TDS is being used for reference.



Irritant

For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)