Dakar Platre

TECHNICAL DATA SHEET

DakarFix

Plaster of Paris powder

Ref. FT-01 · Revision 01 · November 2026

1. Product identification

Trade name	DakarFix — plaster of Paris
Place of manufacture	Zone Industrielle / APROSI, Lot E 7, Titre 10.238 R, Diamniadio / Rufisque (Senegal)
Intended use	Thanks to its fast setting time, this plaster is generally used for moulding and decorative work.
Fields of application	Decorative panels, arches and wall shelves, minor surface corrections, ceiling roses, ready-to-use decorative panel mouldings
Composition	Calcium sulphate hemihydrate combined with setting retarders
Appearance	Odourless powder, white or a similar shade

2. Technical characteristics

Characteristic	Value
Plaster / water ratio	100 / 70
Working time	7–12 minutes
Setting time	20–30 minutes
Density	650–700 g/l
Particle size	Residue on 50 µm: 16–18 % Residue on 160 µm: 0–1.0 %
Compressive strength (7 days)	8 N/mm²
Flexural strength (7 days)	1.0 N/mm²
Surface hardness	60 Shore D
Application temperature	+5 to +40 °C

Dakar Platre

DAKAR PLATRE S.A. RCCM: SN – DKR – 2021 – B – 3091 / NINEA: 008338817 2A3
e – mail: info@dakarplatre.com Tel : (+ 221) 78 715 68 68 / (+ 221) 78 719 86 86
Siège social : Zone Industriel / Aprosi Lot E 7 Titre 10.238 R Diamniadio / RUFISQUE (SÉNÉGAL)

3. Application

Surface preparation

- The surface must be free of dust, oil, paint and other contaminants.
- Dampen very dry, hot or absorbent surfaces with water.
- Roughen ceilings before application, or coat them with a material that ensures the mortar adheres.
- Avoid any draughts or ventilation in the room during application.

Mixing and moulding

1. Pour 6.5 to 7 litres of water into the mixing container, then sprinkle in the plaster.
2. Let the plaster absorb the water for about 2 to 3 minutes.
3. Mix by hand or with a trowel until the mixture is homogeneous.
4. Pour the mortar into the previously greased mould.
5. After the first layer, spread fibres or hemp over the plaster to increase the flexibility and strength of the moulded piece.
6. Pour another layer of plaster over the fibres or hemp.
7. The plaster heats up as it sets. Once it has heated and cooled, it comes away from the mould.
8. Leave the demoulded piece to dry at room temperature before fixing it.

4. Packaging and storage

- Packaging: 40 kg bag (±2 %).
- Use within 6 months of the production date.
- Store dry, on pallets, stacked no more than 18 bags high.

5. Safety

- Avoid inhaling the dust; wear a mask, goggles and gloves when mixing.
- Plaster gives off heat as it sets: do not cast it in contact with skin.

The technical information on DakarFix plaster has been prepared from the data available at the revision date. Installation and use of this product are the responsibility of the user. Dakar Plâtre S.A. cannot be held liable for incorrect use, improper transport or storage, or any other error attributable to the user.

Dakar Platre