



Weberfloor DM

Powder Mold Release Agent

Flooring

PRODUCT

Weber DM is a high-quality, colored powder release agent designed for use in stamped concrete (printed pavement) applications. It acts as a bond breaker between stamping tools and wet concrete, preventing sticking while simultaneously imparting realistic antique and shadow effects to enhance surface texture. The product is engineered for tropical conditions and ensures clean release, sharp impressions, and vibrant surface finishes

SCOPE OF USE

- Residential driveways and patios
- Commercial walkways and pavements
- Public plazas and pedestrian zones
- Decorative concrete floors
- Hotels, malls, and outdoor recreational spaces

ADVANTAGES

- Dual action: acts as a release agent and a secondary colorant
- Enhances texture, depth, and realism of stamped patterns
- Prevents stamping tools from sticking to fresh concrete
- Weather-resistant and UV-stable pigments
- Formulated for easy brushing and application
- Compatible with all Weberfloor Print (colored surface hardeners)
- Designed to perform under Ghana's hot and humid conditions

APPLICABLE STANDARDS

EN 12878, EN 13318, EN 206, EN 196-1

TECHNICAL SPECIFICATIONS

Colour

Range of 5 + colours

Appearance

Fine, dry colored powder

Packaging

10 kg bucket

Application Method

Dry dusting over fresh concrete

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

- Use quality concrete (min. 25 MPa) with medium workability (slump 75–100 mm).
- After placing and screeding, float the surface to close it.
- Do not apply on bleeding or overly wet surfaces.
- Surface must be firm yet plastic — walkable but soft enough for stamping.
- If using Weberfloor Print (colored hardener), apply and float it in fully before applying Weber DM.
- Apply Weber DM just before stamping, once the surface is ready for imprinting

RECOMMENDATIONS FOR USE

- Apply only on fresh, floated concrete with no surface water.
- For best results, use in combination with Weberfloor Print (colored hardener) and Weber SL (sealer).
- Apply in shaded or early morning hours to avoid fast drying in Ghana's heat.
- Use a soft brush or gloved hand to dust the powder evenly; do not pour directly from the bag.
- Avoid stamping too early; wait until the surface is firm but still plastic.
- After stamping, leave to cure for 24–48 hours before washing off excess release agent.
- Always apply a protective sealer after washing to enhance color depth and durability.
- Do not use on dry or hardened concrete surfaces.
- Protect fresh stamped areas from rain, wind, and foot traffic during curing

PRODUCT APPLICATION

- Uniformly broadcast Weber DM powder over the surface using a dry brush or hand
- Apply a thin, even layer without clumping
- Begin stamping using textured mats or stamps after broadcasting
- Avoid over-application; excess powder can reduce surface detail
- Allow surface to harden for 24–48 hours
- Remove excess release powder using a soft broom and water (after 48 hrs)
- Wash and seal surface with Weber SL (protective varnish) for long-term durability

PRECAUTIONS

- Do not apply on wet or bleeding concrete; wait until the surface is firm and plastic.
- Avoid windy conditions during application to prevent powder from blowing away.
- Use personal protective equipment (mask, gloves, goggles) to avoid inhalation and skin contact.
- Do not mix with water or apply using wet tools. This product is meant for dry broadcast only.
- Keep out of reach of children and avoid contact with eyes and mouth.
- After application, do not walk or stamp on the surface until proper curing is complete.
- Always clean tools and hands with water immediately after use.
- Dispose of waste according to local environmental regulations.
- Refer to the Safety Data Sheet (SDS) before use

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS

The product irritates the eyes, airways and skin. Wear goggles with lateral protection, dust mask in areas with limited ventilation, proper work clothing and protective gloves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

NOTE

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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