

PRODUCT FAMILY

Flooring & Floor
Hardeners

MCT

MC-Master Floor

Coloured Natural-Aggregate Dry-Shake Surface Hardener

Ready-to-use coloured dry-shake surface hardener applied over fresh concrete to colour and harden industrial, commercial and residential floors.

Apparent density @ 20°C	Compressive strength	Heavy-duty rate	Packaging
1.4 ± 0.5 g/cm ³	500 kg/cm ²	5 kg/m ²	25 kg

Description

MC-Master Floor is a ready-to-use coloured surface hardener applied as a dry shake over freshly levelled and prepared concrete. It provides an economical method of colouring and improving new industrial, commercial and residential floor surfaces.

Where to use

- Colouring and hardening indoor and outdoor installations subject to heavy traffic.
- Industrial floors, warehouses and storage areas, automotive service shops and maintenance facilities.
- Shopping centres, schools, theatres, hospitals, parking garages, sidewalks, driveways and patios.
- Areas where a more uniform, attractive colour is desired to improve the floor and working environment.

MCT TECHNICAL DATA

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Hardener

Advantages

- Portland-cement-based binder with graded silica aggregate and light-fast, alkali-fast inorganic pigments.
- Increases surface strength, durability and wear resistance.
- Built-in colour reduces the need for periodic repainting.
- High-density, easy-to-clean surface resistant to liquid penetration.
- According to the source, improves resistance to scaling in slabs exposed to de-icing salts.
- Available in high-reflectance colours according to the source.
- Selected components support uniform colour and density.

Limitations

- Not recommended for areas exposed to acids.

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Technical data

Colours	Grey, green and red
Apparent density @ 20°C	1.4 ± 0.5 g/cm ³
Compressive strength	500 kg/cm ² - BS 1881 Part 4
Aggregate hardness	7-8 - Mohs scale
Abrasion resistance	Improved by about 220 ± 5% - BS 784
Heavy-duty application rate	5 kg/m ²
Packaging	25 kg moisture-resistant bags

Application rate

Use 5 kg of MC-Master Floor per square metre to obtain a heavy-duty surface. The source states that lower application rates can provide proportionate results for lighter-duty service.

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Curing & finish protection

- Cure the floor with water or an MCT-approved curing compound.
- Coloured floors require additional care during installation and protection from staining or damage after finishing.
- The final colour and appearance may be affected by batching, finishing, curing and surface-protection conditions, as noted by the source.

Precautions

- Do not use salt water or brackish water for curing.
- The product contains cement and may cause irritation; avoid eye contact and prolonged skin contact.

Packaging

MC-Master Floor is supplied in 25 kg moisture-resistant bags.

