

EMA HEAVY DUTY FLOOR SCREED (A+B+C)

PRODUCT DESCRIPTION

Emirates ema Heavy Duty Floor Screed (A+B+C) is a solvent-free epoxy resin mortar screed, designed with excellent resistance to high abrasion of heavy-duty floors.

PRODUCT FEATURES

- Three-component system
- Excellent abrasion resistance
- High mechanical strength
- Anti-skidding and non-dusting
- Chemical resistance properties

RECOMMENDED USE

This product is recommended for industrial areas with heavy-loading production plants, workshops, warehouses, garages, hangers, etc. It is suitable for mortar, concrete, or stone surfaces.

*Used for interior applications.

TECHNICAL SPECIFICATIONS

Color	Clear
Finish	Smooth
Volume Solids (ASTM d2697)	100%
Specific Gravity	1.09 ± 0.05 (of mixed Base + Hardener) or (of mixed Base + Hardener + Aggregate)
Thickness Required	5 - 10 mm (system)
Packaging Size	25kg + 5kg + 1.25kg
Flash Point	>100 °C



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APPLICATION DATA

Application Method	Special application technique
Thinner	Emirates GP Thinner (5 – 10% depends on method of application)
Mixing Ratio by Volume	1:6 Base & Hardener : Filler (aggregate)
Pot Life @30° C	15 – 20 minutes for each

SURFACE PREPARATION

- The surface must be clean, dry, and free from oil, grease, dust, and loose particles before application.
- Cementitious substrates must be at least 4 weeks old.
- Substrate temperature should be a minimum of 8°C and a maximum of 30°C.
- Moisture content should be less than 4%. for better performance.

DRY TIME

Dry to Recoat	8 hours
Full Dry	7 days

*Based on temperatures at 30 degrees Celsius.

*Humidity, air movement, film thickness and number of coats may impact dry time.

RECOMMENDED SYSTEM

Material required for 1 M² of layer thickness 7 - 8 mm.

Primer	Base: Hardener 0.160 : 0.096 kg/M ²
Mortar screed	Base: Hardener: Aggregate 1.250 : 0.750 : 12:00 kg/M ²
Sealer/Topcoat (Clear)	Base: Hardener 0.160 : 0.096 kg/M ²
Sealer/Topcoat (Color)	Instead of clear, apply Emapoxy SF Flooring Flexible Topcoat



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HEALTH & SAFETY

Oil-based (solvent-based) paints require extra precautions due to their fumes and flammability. We highly recommend following your local safety regulations. Ensure you are working in a well-ventilated space to reduce the inhalation of harmful vapors and wear a suitable respirator mask when painting in enclosed areas. To avoid skin and eye contact, always wear protective gear such as solvent-resistant gloves and goggles. In case of skin contact, wash thoroughly with soap and water. If the paint gets into your eyes or is accidentally ingested, seek medical attention immediately. Please keep paints and solvents out of the reach of children and pets.

STORAGE & HANDLING

We highly recommend storing our paint in proper storage conditions as per your local regulations. Keep the paint container sealed and away from direct sunlight and extreme temperatures. Do not keep paint material near any ignition sources. Do not return the half or unused material back to the original container containing the supplied paint to avoid contamination. Handle with care and mix well before use.

SHELF LIFE

*For best results, please use within 18 months of the production date.

*Shelf life can be highly affected by storage conditions, in particular, the method of sealing the container.

DISCLAIMER

The data provided is based on our present state of knowledge and is intended to provide general information about our product and its uses. Emirates Paints will not be responsible for any claims after the product had been used without proper testing. Any existing industrial property rights must be observed. The quality of our product is guaranteed under our general conditions of sales.

