

MasterTop[®] 1221 F

A thin-section seamless highly decorative floor finish with coloured flakes

DESCRIPTION

MasterTop 1221 F is a seamless resin floor system incorporating coloured flakes and finished with a tough and durable polyurethane topcoat for long lasting protection.

MasterTop 1221 F is applied between 1.0 - 2.0mm and can be a smooth or profiled, matt or gloss finish.

AREAS OF USE

MasterTop 1221 F is installed where a durable decorative surface is required in public spaces and commercial areas. Typical applications include:

- Showrooms and retail outlets
- Cafeterias
- Workspace stations
- Offices & corridors
- Shower and changing room areas
- Office and commercial buildings
- Schools and hospitals
- Laboratories
- Stadia walkways

ADVANTAGES

- Wide range of colour blends allow for interesting layouts to be achieved in a cost-effective manner
- A seamless closed surface finish allows for easy cleaning and low maintenance upkeep
- A profiled finish can be achieved to give a higher degree of slip-resistance in areas where splashed water is anticipated

PACKAGING

MasterTop P 650	15kg
MasterTop 1210 (Including MasterTop Colour Pack)	32kg
MasterTop Flakes (1mm / 3mm / 5mm)	25kg
MasterTop 1200	15kg
MasterTop TC 442W Clear	10kg

TYPICAL PROPERTIES* (FULL SYSTEM)

Cured at 7 days @25°C	
Flexural strength ASTM C580	> 35 N/mm ²
Bond strength N/mm ²	> cohesive strength of good quality concrete
Abrasion resistance ASTM D4060	150 mg
Tensile strength ASTM C307	> 25 N/mm ²
Compressive strength ASTM C579	> 75 N/mm ²

NB: The colour of the pigmented base coat will have a significant effect on the final finish of the system.

For comprehensive instructions on surface preparation and materials application please refer to our latest **MasterTop 1221 F** Method Statement.

ESTIMATING DATA

For 1mm thickness

Stage	System	Product	kg/m ²
1	Primer	MasterTop P 650	0.15-0.3
2	Basecoat	MasterTop 1210	1.56
3	Full flake Broadcast	MasterTop Flakes	0.3-0.5
4	Topcoat	MasterTop 1200	0.15-0.3
5	Sealer	MasterTop TC 442W Clear	0.10-0.12

STORAGE AND SHELF LIFE

All components of **MasterTop 1221 F** can be kept for 12 months from date of manufacture if stored in original unopened packaging, in a dry enclosed place without exposure to direct sunlight at temperatures between 15 to 35°C.

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HEALTH AND SAFETY

MasterTop 1221 F contains certain chemicals which can cause skin irritation if exposed and respiratory reaction if inhaled. Wear gloves, masks and use hand barrier cream while handling the product. Wash thoroughly after handling.

Should skin contact occur, wash immediately with soap and water or an effective hand cleaner.

In case of accidental eye contact, wash with copious quantity of water and immediately seek medical advice. If ingested, do not induce vomiting. Consult doctor immediately.

Vapours of solvents used for cleaning can be irritating. It is therefore recommended that cleaning be done in well ventilated areas.

For detailed Health, Safety and Environmental Recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

Fire: Keep away from sources of ignition. Do not smoke whilst handling the product.

Flash point: 110°C.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

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