

MasterTop[®] 1211GF

High-build solvent free epoxy glass flake coating system for traffic deck protection

DESCRIPTION

MasterTop 1211GF is a multi-component solvent free epoxy glass flake coating system designed for application at a total thicknesses between 1.0mm-2.0mm on basement and ground floor car parks, or on intermediate traffic decks exhibiting little or no structural movement.

MasterTop 1211GF may be applied to produce a durable medium or heavy duty profiled finish.

PRIMARY USES

MasterTop 1211GF has good wear and abrasion resistance and is suitable for use on many traffic deck applications.

MasterTop 1211GF provides a seamless coating for concrete to protect against vehicle related spillages such as common oils, greases, lubricants, aviation fuels or A.C fluid. In addition it offers good general chemical resistance, but as in all corrosive situations, a full analysis of operating and exposure conditions is required, followed by reference to chemical resistance data to ensure product suitability.

MasterTop 1211GF may be used in the following applications:

- Car production and storage facilities.
- Aircraft hangars and maintenance areas.
- Car workshops
- Traffic decking
- Pedestrian walkways

NB This gives examples only and does not constitute a full and comprehensive list. For further information on application possibilities contact BASF Construction Chemicals UAE LLC.

ADVANTAGES

- Good wear and abrasion resistance.
- Easily applied.
- Profiled finish for slip resistance.
- Good general chemical resistance.
- Limited maintenance.

PACKAGING

MasterTop P 651	25.4kg
MasterTop SR 3	25kg
MasterTop 1211GF (Neutral)	25.4kg
MasterTop Color Pack	0.6kg
MasterSeal TC 257	22.5kg
MasterTop TC 444	18 litres

PHYSICAL PROPERTIES*

Pot life	@25°C @40°C	40 mins 22 mins
Drying time	@25°C @40°C	15 hours 10 hours
Maximum service temp		60°C
Flexural Strength ASTM C580		>40N/mm ²
Tensile Strength ASTM C307		>20N/mm ²
Pull of strength ASTM D4541		>2.5N/mm ²
Impact resistance ISO 6272-1		Pass @ 2 meter height
Abrasion resistance ASTM D4060 (CS 17 Wheel, 1000g, 1000cycles)		<50mg

EQUIPMENT CARE

Remove uncured **MasterTop 1211GF** from tools and equipment using **MasterTop THN 2**.

STORAGE

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction and protect from extremes of temperatures. In tropical climates the product must be stored in an air conditioned environment.

MasterTop[®] 1211GF

Estimating Guide	Mixed pack weights (kgs)	Application rate (kg/m ²)	
		Medium duty	Heavy duty
MasterTop P 651	25.4kg	0.3-0.35kg/m ²	0.3-0.35kg/m ²
MasterTop SR 3 Aggregate for broadcast	25kg	0.6kg/m ²	0.6kg/m ²
MasterTop 1211GF with MasterTop Color Pack (0.6 kg)	26kg	0.5kg/m ²	0.5kg/m ²
MasterSeal TC 257	22.5kg	0.3kg / m ² / coat (one coat required)	0.3kg / m ² / coat (two coats required)

LINEMARKING (100mm Wide)

MasterTop TC 444

Standard

Line Marking Coating (Smooth)

1st coat - 0.025 litre / lm

(100mm Wide) - Approx. 100 microns

Allow approx. 2 hours between coats. (Touch Dry)

2nd coat - 0.025 litre / lm

(100mm Wide) - Approx. 100 microns

Light Reflectivity (Optional)

Line Marking Coating + Reflective Glass Beads

Refer to the BASF Technical Service Department

for a Project Specific Method Statement.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until products is fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use.

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE

All products originating from BASF's 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, ISO 14001 and OHSAS 18001.

* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the BASF-Group in many countries.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF 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 BASF either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF, are responsible for carrying out procedures appropriate to a specific application.