

MASTERTOP[®] 1210 CP

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

Description

MASTERTOP[®] 1210 CP is a multi component solvent free epoxy coating system designed for application at a total thicknesses between approximately 1.0 mm - 2.0 mm on basement and ground floor car parks, or on intermediate traffic decks exhibiting little or no structural movement. MASTERTOP[®] 1210 CP may be applied to produce a durable medium or heavy duty profiled finish.

Primary uses

MASTERTOP[®] 1210 CP has good wear and abrasion resistance and is suitable for use on many traffic deck applications.

MASTERTOP[®] 1210 CP 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[®] 1210 CP 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 1200 Plus Resin	12.4kg
Mastertop 1210 CP (Neutral)	25.4kg
Mastertop Colour Pack	0.6kg
Mastertop SRA No. 3	25kg
Solvent No. 2	20 ltrs

Consumptions & DFT's

	Volume & kgs of mixed resin (approx.)		Approx. System DFT
Medium Duty	0.75kg	0.5 ltrs	1.0mm
Heavy Duty	1.3kg	0.85 ltrs	2.0mm

*Physical properties

	25°C	40°C
Pot life	40	22
Curing time	15 hrs	10 hrs
Maximum service temp	60°C	
** Flexural Strength	>40 N/mm ²	
** Tensile Strength	>15 N/mm ²	
Slip resistance	85	
Bond strength	Greater than cohesive strength of concrete	

**tested at 25°C

MASTERTOP[®] 1210 CP

Estimating Guide	Mixed pack weights (kgs)	Application rate (kg/m ²) (ltr/m ²)	
		Medium duty	Heavy duty
Primer / Sealer Coat			
MASTERTOP 1200 Plus Resin Neutral with 0.5 litres Solvent No. 2	12.9kg	N/A	0.25kg/m ²
1 st Coat Application			
MASTERTOP 1210 CP with MASTERTOP Colour Pack (0.6 kg)	26kg	0.25kg/m ² (0.16 ltrs/m ²)	0.55kg/m ² (0.35 ltrs/m ²)
MASTERTOP SRA No. 3 Aggregate for broadcast	25kg	0.6kg/m ²	2.0kg/m ²
2 nd Coat Application			
MASTERTOP 1210 CP with MASTERTOP Colour Pack (0.6 kg)	26kg	0.50kg/m ² (0.32 ltrs/m ²)	0.55kg/m ² (0.35 ltrs/m ²)

Equipment care

Remove uncured MASTERTOP[®] 1210 CP from tools and equipment using SOLVENT NO 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.

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.

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* Properties listed are based on laboratory controlled tests.

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As all BASF technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

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