MasterSeal Traffic 2255

Skid resistance and static crack bridging glossy car park deck system for intermediate decks and ramps meets the requirements of EN1504-2 and the German DIN V 18026, class OS 8 and OS 13, class A 1 (-10°C), indoor

DESCRIPTION

A 2.5-3mm thick liquid applied, tough but elastic polyurethane watertight car park deck system with static crack bridging property for use in intermediate and basement decks and ramps area to provide a tough scratch resistant floor finish.

The system is based on advanced polymer to hold onto the broadcast aggregate tenaciously providing a hard wearing and skid resistance surface. It consists of an epoxy substrate primer, tough but elastic polyurethane wearing coats and hard wearing epoxy top coat.

FIELD OF APPLICATION

MasterSeal Traffic 2255 is intended for use on intermediate and basement car park decks and ramps where a static crack bridging and hard wearing system is required.

FEATURES AND BENEFITS

- EN1504-2 and the German DIN V 18026, class OS 8 and OS13, class A 1 (-10°C) certified
- Attractive appearance
- Low dirt and tyre marks retention
- Excellent wear and slip resistance
- Tough end elastic to withstands loads imposed by traffic
- High vapour permeability that low risk of blistering and monolithically bonded to the substrate
- Impervious and seamless for easy to clean and maintain
- Resistant to fuels, battery acid, de-icing salts, alkaline cleaners
- Solvent free and complies with HK EPD requirement
- Low emission to AgBB
- LEED certification

SLIP RESISTANCE

Slip resistance will vary depending upon the method and conditions of application, the nature of any polishes used and the standards of housekeeping.

Slip resistance level, wet	62	DIN EN 13036-4
Slip resistance level, dry	R12 V4	DIN 51130

COLOURS

A range of colours are available contact your local Master Builders Solutions office for further information.

CLEANING AND MAINTENANCE

Regular cleaning and maintenance of the MasterSeal Traffic system will enhance its appearance and prolong its service life.

Consult Master Builders Solutions Construction Chemicals for more information.

METHOD STATEMENT ENVIRONMENT

The applicator requires sole access to the installation area throughout the application. The area should be clean and dust free, and where necessary closed to the environment.

It is prudent to ensure that the installation is undertaken as the final operation during refurbishment works to preclude damage by other trades and ensure a monolithic application.

Refer to product datasheets and project specifications.

SUBSTRATE

MasterSeal Traffic 2255 must be applied to a clean, dry substrate free from dust, dirt, oil, grease and other contamination. This is best achieved by mechanically preparing the substrate using captive shot-blasting (Blastrac), floor plane (Von Arx) and diamond-grinding as required.

Use mechanical methods of surface preparation as dictated by the size of area to be treated, the location and degree of contamination.

The substrate should be sound with a tensile strength exceeding 1.5 MPa. Any repairs to the substrate must be undertaken in good time prior to the application.

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PRIMING

Prime the substrate with MasterTop P617 or P604, see separate data sheet, and broadcast evenly with oven dried silica sand (size 0.3-0.8mm) while the primer is still wet and allow to fullycure.

Concrete substrates must be completely sealed, some substrates may require double priming.

Consult Master Builders Solutions for more information on other substrates.

BODY COAT

MasterSeal M276, see separate data sheet, is applied using pinrake and trowel maintaining a wet edge throughout, and broadcast evenly with oven dried silica sand (size 0.3-0.8mm) while the body coat is still wet and allow to fullycure.

TOP COAT

Apply MasterSeal TC373 and allow to cure.

HANDLING AND TRANSPORT

Usual preventive measures for the handling of chemical products should be observed when using this product, for example do not eat, smoke or drink while working and wash hands when taking a break or when the job is completed.

Specific safety information referring the handling and transport of this product can be found in the Material Safety Data Sheet. For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

Disposal of product and its container should be carried out according to the local legislation in force. Responsibility for this lies with the final owner of the product.

CONTACT DETAILS

Master Builders Solutions
Hong Kong Limited
Unit 2, 20/F,
EW International Tower,
120-124 Texaco Road,
Tsuen Wan, NT.,
Hong Kong

Tel: +852 2408 4400
Fax +852 2408 4401
www.master-builders-solutions.com/en-hk

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SYSTEM BUILD-UP

			Consumption
	Primer	**MasterTop P 617 or P 604** transparent, EP, 2-component	0.3-0.5 kg/m²
	Sand broadcast	oven dried silica sand, size 0.3-0.8 mm uniformly applied, not in excess	0.8-1.0 kg/m²
	Optional/ Scratch primer up to 1 mm roughness	**MasterTop P 617 or P 604** 1 : 0.5 filled with oven dried silica sand size 0.1-0.3 mm	0.6-1.0 kg/m²*
	Sand broadcast	oven dried silica sand, size 0.3-0.8 mm	2.0-3.0 kg/m²
	Wear coat	**MasterSeal M 276** grey, PU, 2-component	1.2-1.5 kg/m²
	Sand broadcast	oven dried silica sand, size 0.3-0.8 mm in excess	3.0-5.0 kg/m²
	Top coat	**MasterSeal TC 373** pigmented, EP, 2-component, glossy finish	0.5-0.8 kg/m²
	Total thickness of system	**approx 2.5 - 3.0 mm****	

Note: Consumptions are indicative and may be higher, depending on substrate roughness, temperature and porosity, as well as waste produced during application.
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* Consumption incl. filler

** The system consumption and system layer thicknesses vary according to country-specific guidelines and standards.