

# CONIDECK 2203

Fast track traffic deck crack-bridging waterproofing system

## DESCRIPTION

**CONIDECK 2203** is a liquid applied, crack bridging traffic deck waterproofing system based on advanced polymeric materials. It consists of a fast curing polyurethane primer, a spray applied elastomeric polyurethane waterproofing membrane, a fast curing polyurethane wear coat and a polyaspartic top coat. The seamless coating has an attractive, skid resistant, UV and weather resistant finish which is easy to clean and maintain. It is resistant to petrol, diesel oil, battery acid, de-icing salts and alkaline cleaners.

## RECOMMENDED FOR

**CONIDECK 2203** is intended for use on exposed decks and ramps where fast installation and short down times, along with maximum crack bridging and wear resistance, are of prime importance. **CONIDECK 2203** is also used on intermediate decks underneath which are offices, sales rooms, storerooms etc.

## FEATURES AND BENEFITS

- **Fast installation**
- **Can be driven on after only a few hours**
- **Separate waterproofing membrane and wear coat for maximum crack bridging capability**
- **Easy and dependable detailing due to spray application of waterproofing membrane**
- **No 'prestriping' of existing cracks required**
- **Monolithic, no welds laps or seams**
- **Excellent wear resistance**
- **Skid resistant**
- **UV and weather resistant**
- **Resistant to fuels, battery acid, alkaline cleaners**
- **Attractive appearance**
- **Very low dirt retention**
- **Easy to clean and maintain**

## SYSTEM BUILD UP

**CONIDECK 2203 is composed of:**

**MASTERTOP P 660** – a low viscosity, fast curing, solvent free, 2 component polyurethane primer.

**CONIPUR M 800/M 810** – a spray applied, fast setting, 2 component, elastomeric, polyurethane, solvent and filler free, waterproofing membrane.

**CONIPUR WC 881** – a fast curing, solvent free, 2 component, polyurethane wear coat.

**CONIPUR TC 481** – a fast curing, UV resistant, 2 component, polyaspartic top coat.

Primer Broadcasting	MASTERTOP P 660 Oven dried silica sand, (0.3-0.8mm)	0.3 – 0.5kg/m <sup>2</sup> 0.8 – 1.0kg/m <sup>2</sup>
Optional Scratch Primer Broadcasting	MASTERTOP P 660, filled 1:0.5 with oven dried silica sand (0.1- 0.3mm) Oven dried silica sand (0.3- 0.8mm)	0.6 – 1.0kg/m <sup>2</sup> * 2.0 – 3.0kg/m <sup>2</sup>
Membrane	CONIPUR M800/M 810	1.6 – 2.1kg/m <sup>2</sup>
Wear Coat Broadcasting	CONIPUR WC 881 oven dried silica sand, size 0.3- 0.8mm or 0.7- 1.3mm	0.5 – 0.9kg/m <sup>2</sup> 1.8 – 2.0kg/m <sup>2</sup>
Top Coat	CONIPUR TC 481	0.4 – 0.6kg/m <sup>2</sup>

Total thickness approx. 3.5-4.0mm

\*Total consumption including sand

Consumption figures are a guide only and may be higher in rough or porous substrates

## APPLICATION

For detailed, product specific application instructions, see individual product technical data sheets.

## MAINTENANCE

Regular cleaning and maintenance will prolong the life of all resin coatings, enhance the appearance and reduce the tendency to pick up dirt. Specialised floor cleaning equipment and chemicals are available and the suppliers are able to offer advice on appropriate cleaning regimes.

## PRECAUTIONS

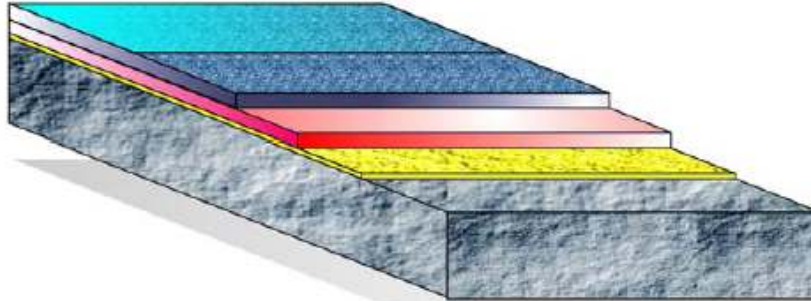
Fully cured, MASTERTOP and CONIPUR products are considered non-hazardous materials. When handling MASTERTOP and CONIPUR products, avoid inhalation of vapours and contact with eyes, skin and clothing. Wear impervious gloves and eye protection. In case of eye contact, seek medical attention. When working with the products, do not eat, smoke or work near a naked flame.





For additional information concerning safety hazards, regulations regarding transport and waste management, please refer to the relevant Material Safety Data Sheet.

The regulations of the local trade association and/or other authorities, regulating safety and hygiene of workers handling polyurethanes, isocyanates and epoxy resins must be observed. Keep packaging away from heat, flames and sources of ignition. Do not cut or weld on or near empty packaging.

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF Construction Chemicals **Material Safety Data Sheet (MSDS)** of the individual products from our office or our website.

# CONIDECK 2203



			Consumption
	Primer	MASTERTOP P 660, clear, PU, 2 component, fast curing, solvent free	0.3 – 0.5kg/m <sup>2</sup>
	Sand Broadcast	Oven dried silica sand, size 0.3-0.8mm uniformly applied, not in excess	0.8 – 1.0kg/m <sup>2</sup>
	Optional Scratch Primer	MASTERTOP P 660, filled 1 : 0.5 with oven dried silica sand, size 0.1 – 0.3mm	0.3 – 0.5kg/m <sup>2</sup> *
	Sand Broadcast	Oven dried silica sand, size 0.3 – 0.8mm	2.0 – 3.0kg/m <sup>2</sup>
	Membrane	**CONIPUR M 810, pigmented, PU, spray applied, 2 component, solvent free	1.6 – 2.1kg/m <sup>2</sup>
	Wear Coat	CONIPUR WC 881, white, PU, 2 component, fast curing, solvent free	0.5 – 0.9kg/m <sup>2</sup>
	Sand Broadcast	Oven dried silica sand, size 0.3- 0.8mm or 0.7 – 1.3mm uniformly applied, not in excess	1.8 – 2.0kg/m <sup>2</sup>
	Top Coat (Exposed Decks)	CONIPUR TC 481, pigmented, polyaspartic, fast curing, UV resistant, 2 component	0.4 – 0.6kg/m <sup>2</sup>
Total Thickness of System			Approx. 3.0mm

\* Total including sand

\*\* CONIPUR M 800 may be used as an alternative to CONIPUR M 810

A/Cdeck2203/7/1011

## 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.

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