

Traffic deck crack-bridging waterproofing system (spray applied membrane)

DESCRIPTION

CONIDECK 2204 is a liquid applied, crack bridging traffic deck waterproofing system based on advanced polymeric materials. It consists of a primer, a spray applied elastomeric polyurethane waterproofing membrane, a polyurethane wear coat and a polyurethane 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 2204 is intended for use on exposed decks and ramps where maximum crack bridging and wear resistance are required. **CONIDECK 2204** is also used on intermediate decks underneath which are offices, sales rooms, storerooms etc.

FEATURES AND BENEFITS

- Can be driven on 48 hours after system installation
- Separate waterproofing membrane and wear coats for maximum crack bridging capability
- Easy and dependable detailing due to spray application of waterproofing membrane
- No 'prestripping' 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 2204 is composed of:

Primer depending on substrate.

MASTERTOP P691 (when epoxy primer used) – a clear, polyurethane adhesion promoter.

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

MASTERTOP BC 376 / CONIPUR WC 881 – a solvent free, 2 component, polyurethane wear coat.

CONIPUR TC 458 / SONOGUARD Topcoat – a UV resistant, polyurethane, top coat.

Primer Broadcasting	Depending on substrate	0.3 – 0.5kg/m ²
	Oven dried silica sand, (0.3-0.8mm)	0.8 – 1.0kg/m ²
Adhesion Promoter	Mastertop P 691	0.05 – 0.1kg/m ²
Membrane	CONIPUR M 800/M 810	1.6 – 2.1kg/m ²
Wear Coat Broadcasting	MASTERTOP BC 376 / CONIPUR WC 881	0.9 – 1.4kg/m ²
	Oven dried silica sand, size 0.3- 0.8mm	1.0 – 1.5kg/m ²
Top Coat	CONIPUR TC 458 SONOGUARD Topcoat	0.5 – 0.8kg/m ²

Total thickness approx. 4.0-4.5mm

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

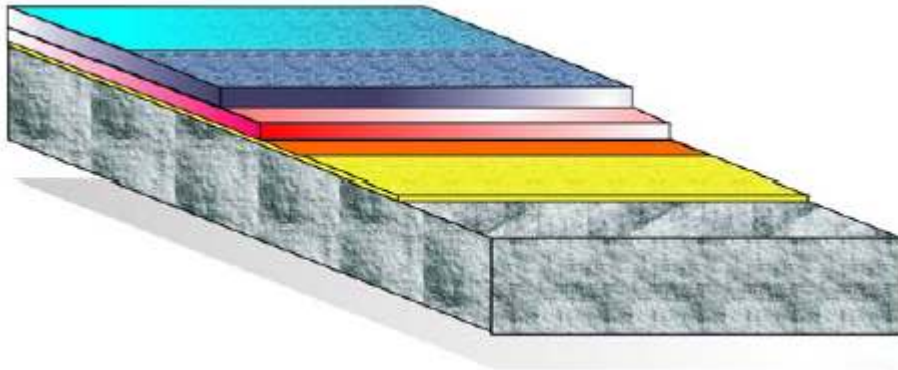
Regular cleaning and maintenance will prolong the life of all resin coatings, enhance the appearance and reduce the tendency to pick up dirt. Specialised floor cleaning equipment and chemicals are available and the suppliers are able to offer advice on appropriate cleaning regimes.






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.



	Primer	Primer depending on substrate	0.3 – 0.5kg/m ²
	Sand Broadcast	Oven dried silica sand, size 0.3-0.8mm uniformly applied, not in excess	0.8 – 1.0kg/m ²
	Adhesion Promoter**	MASTERTOP P 691 clear, PU, single component	0.05 – 0.1kg/m ²
	Membrane	*CONIPUR M 810, pigmented, PU, spray applied, 2 component, solvent free	1.6 – 2.1kg/m ²
	Wear Coat	MASTERTOP BC 376 / CONIPUR WC 881, pigmented, PU, 2 component, solvent free	0.9 – 1.4kg/m ²
	Sand Broadcast	Oven dried silica sand, size 0.3- 0.8mm	1.0 – 1.5kg/m ²
	Top Coat (exposed decks)	CONIPUR TC 458 / Sonoguard Topcoat, pigmented, PU, single component, elastic, UV and weather resistant	0.5 – 0.8kg/m ²
Total Thickness of System			4.0 – 4.5mm

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

** Over epoxy primer only

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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.

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