

# CONIPUR<sup>®</sup> BC 376

A wear coat for use in car park deck waterproofing systems

## DESCRIPTION

**CONIPUR BC 376** is a 2-component, solvent free, polyurethane coating. It is both tough and elastic and has an excellent bond to the elastomeric waterproofing membranes used in car park waterproofing systems. It has a tenacious hold onto the broadcast aggregate providing a hard wearing, skid resistant surface.

## RECOMMENDED FOR

**CONIPUR BC 376** forms the wear coat in the CONIDECK 2204 and CONIDECK 2269 car park deck waterproofing systems.

## FEATURES AND BENEFITS

- Tough and elastic
- Excellent bond to waterproofing membrane
- Tenacious hold to broadcast aggregate
- Withstands loads imposed by traffic
- Resistant to fuels, battery acid and hydraulic oils

## PERFORMANCE DATA

Mixing ratio	by weight		5 : 1
Mixed density	at 20° C	g/cm <sup>3</sup>	1.45
Mixed viscosity	at 23° C	mPas	2500
Working time (30kg unit)	at 10° C	min	40
	at 20° C	min	30
	at 30° C	min	20
Re-coating time	at 10° C	hrs	min. 12
	at 20° C	hrs	min. 9
	at 30° C	hrs	min. 6
Fully cured	at 10° C	days	8
	at 20° C	days	7
	at 30° C	days	5
Substrate and ambient temperatures		° C	min. 8
		° C	max. 40
Relative humidity		%	max. 80
<b>Technical Data cured material</b>			
Shore D hardness	DIN53505		65
Tensile strength	DIN 53504	N/mm <sup>2</sup>	6.0
Elongation	DIN 53504	%	65

The above figures are intended as a guide and should not be used as the basis for specifications.

## APPLICATION

**CONIPUR BC 376** is supplied in working packs which are pre-packaged in the exact ratio. Before mixing, recondition both A and B components to a temperature of approximately 15 to 25 °C. Pour the entire contents of Part B into the container of Part A. DO NOT MIX BY HAND. Mix with a mechanical drill and paddle at a very low speed (ca. 300 rpm) for at least 3 minutes.

Scrape the sides and the bottom of the container several times to ensure complete mixing. Keep the mixer blades submerged in the coating to avoid introducing air bubbles. DO NOT WORK OUT OF THE ORIGINAL CONTAINER.

After proper mixing to a homogeneous consistency pour the mixed Parts A and B into a fresh container and mix for another minute. **CONIPUR BC 376** is poured onto the prepared substrate and spread with a notched trowel, or spreader (rubber or steel).

The curing time of the material is influenced by the ambient, material and substrate temperatures. At low temperatures, the chemical reactions are slowed down; this lengthens the pot life, open time and curing times. High temperatures speed up the chemical reactions thus the time frames mentioned above are shortened accordingly.

To fully cure, the material, substrate and application temperature should not fall below the minimum. Following application the material should be protected from direct contact with water for approx. 16 hours. The temperature of the substrate must be at least 3° C above the dew point both during the application and for at least 16 hours after application (at 15 °C).

## SUBSTRATE PRE-TREATMENT

The coating to which **CONIPUR BC 376** is to be applied must be clean and dry and free from oil, grease and loose material and any other substance which may impair adhesion. Application should take place within the re-coat intervals of the coating to which it is to be applied.

### Important

**CONIPUR BC 376** is not suitable for use as a tie coat to cementitious overlays.

## CONSUMPTION

The consumption of **CONIPUR BC 376** is 1.2 -1.5 kg/m<sup>2</sup>

## CLEANING

Re-usable tools must be cleaned carefully with CONICA Cleaner 40 or with e.g. solvent naphtha.

## PACKAGING

**CONIPUR BC 376** is supplied in 30 kg working packs

## STORAGE

Store in original containers under dry conditions at a temperature between 15° – 25° C. Do not expose to direct sunlight. For maximum shelf life under these conditions see "Best before....." label.

## COLOUR

**CONIPUR BC 376** is available in grey



The Chemical Company

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## PRECAUTIONS

### EU Regulation 2004/42 (Decopaint Guideline)

This product conforms to the EU directive 2004/42/EG (Deco-Paint directive) and contains less than the maximum allowable VOC limit (Stage 2, 2010) According to the EU directive 2004/42, the maximum allowable VOC content for the Product Category IIA / j is 500 g/l (Limit: Stage 2, 2010). The VOC content for **CONIPUR BC 376** is < 500 g/l (for the ready to use product).

In its cured state, **CONIPUR BC 376** is physiologically non-hazardous. The following protective measures should be taken when working with the material: Wear safety gloves, goggles and protective clothing.

Avoid contact with the skin and eyes. In case of eye contact, seek medical attention. Avoid inhalation of the fumes. When working with the product do not eat, smoke or work near a naked flame.

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)** from our office or our website.

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### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** 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. **BASF Construction Chemicals data sheets are updated on a regular basis and it is the user's responsibility to obtain the most recent issue.**

### 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 Construction Chemicals**, are responsible for carrying out procedures appropriate to a specific application.

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