

CONIPUR JP eco

Permeable Surfacing System for Jogging / Activity Tracks

Fields of application

Installation of jogging / activity surfaces

System data

		product	consumption	application	remarks
CONIPUR J base as base layer replacing an asphalt sub base	on unbound base course	CONIPUR 326	2.9 kg/m ²		Depending on availability, other rubber granules, rubber fibers and/or grit can be used, which may have an impact on the recommended granule and binder quantities. Please contact our Technical Service Department in this regard. For other thicknesses of the base course (</> 35 mm), the amounts of binder and crumb rubber to be adjusted proportionally.
		Recycled rubber-granules, 1-4 mm	6.0 kg/m ²	paver / squeegee	
		stone chippings (grit made of quartz or granite) 2-5 mm	30.0 kg/m ²		
Primer	on CONIPUR J base	no primer necessary (if re-coating interval of 48 hours is kept)			CONIPUR 74 is used for pre-fabricated concrete parts, e.g. for curb stones and drainage systems. Otherwise, CONIPUR 3785 has to be used (please see Technical Data Sheet for details or consult our Technical Service).
	on asphalt	CONIPUR 70	0.15 kg/m ²	spray / roll	
	on concrete	CONIPUR 74	0.20 kg/m ²	spray / roll	
Coating	Top layer	CONIPUR 7310	2.02 kg/m ²		Please pay attention to the CONICA recommendation on the EPDM particle size. At low temperatures it may be possible to eliminate the rubber powder.
		CONIPUR EPDM granules, 0.5-1.5 mm	1.3 kg/m ²	spray (in 2 coats)	
		CONIPUR EPDM powder, 0.0-0.5 mm	0.015-0.03 kg/m ²		
Sealing lacquer	optional (for most colours)	CONIPUR 2200 (CONIPUR 2210)	0.25-0.30 kg/m ²	spray (in 2 coats)	In case of sensitive colours (e.g. blue, grey), it is necessary to seal the surface with pigmented CONIPUR 2200 or CONIPUR 2210 (anti-skid) in order to increase the colour stability.

Total thickness of the system

base layer approx. 35 mm
top layer approx. 3 mm

Selected technical properties

		with CONIPUR J base	requirement	remarks
Internal test result	Force reduction	28% 27%	SA 35-44 EN 14877 35-50 IAAF requirement.	values measured inhouse
	HIC test	50cm		

Preparation

The unbound base layer must fulfil the [relevant standards \(DIN 18035-6\)](#) with special reference to: flatness, gradients, thickness, load bearing capacity and water permeability.

The residual [moisture](#) of the [concrete](#) must not exceed **4 %** (check with CM equipment), which corresponds to maximum 75 % relative humidity according to ASTM F 2170.

The [temperature](#) on the [base course](#) must be at least **3 °C** above the current dew point temperature.

The optimal [temperature](#) of the material before and during application is between **15** and **25 °C**.

Application

To install the [CONIPUR J base](#) (replacing the sub base of asphalt / concrete) mix the rubber granules, the chippings and CONIPUR 326 using a specially designed mixer.

Apply the mixed material with a specially designed paver onto the primed surface. Let the base layer cure.

The curing process depends on temperature and humidity.

In case the re-coating time of 48 hours has been exceeded or in case of rain, CONIPUR 72 has to be sprayed the spray coat is applied.

Before installing CONIPUR J base as replacing asphalt base course please contact our Technical Service.

Apply CONIPUR 70 onto the pre-treated [asphalt](#) substrate using airless spraying equipment or a paint roller. The

consumption rate given may not be exceeded, puddles must be avoided.

In case of [concrete](#) CONIPUR 74 is used.

Apply only as much primer as can be [re-coated](#) within **24 hours** (concrete **8 hours**), in case of an exceeding interval, another thin layer of primer has to be applied to avoid adhesion problems.

Allow the solvent to evaporate and the sub base to become sticky, before applying the following coat.

After curing prepare and apply the spray-coat. Thoroughly mix CONIPUR 7310, [dry](#) CONIPUR EPDM granules and dry CONIPUR EPDM powder and fill the mixed material into a spray machine, specifically designed for spraying this kind of mixture.

Spray the mix onto the surface in **2 coats** from [opposite](#) directions to obtain the specified coverage rate.

If needed seal the surface with pigmented CONIPUR 2200 or pigmented CONIPUR 2210 (anti-skid), sprayed in 2 coats from opposite directions.

Remarks

For further information, please refer to the technical data sheets of the products or contact our Technical Service.

For application conditions please see our *“General Application Guidelines for Sports Systems Indoor and Outdoor”*.

Suitable machinery for installing the in situ base layer and for spraying is e.g. PlanoMatic, MixMatic and StructurMatic from SMG, Vöhringen/Germany.