

CONIPUR PG impermeable Retopping

Impermeable Refurbishing System for Worn Playground Surfaces

Fields of application retopping of worn playground EPDM surfaces with an impermeable coating layer

System data

		product	consumption	application	remarks
Primer		CONIPUR 72	0.1-0.2 kg/m ²	spray	
Pore sealer		CONIPUR 203 (CONIPUR 222)	1.4-1.8 kg/m ²	rubber / metal wiper	Depending on the condition of the existing playground the consumption of pore sealer can vary and in some cases even exceed the given values. In order to minimize consumption, EPDM powder can be added. In place of CONIPUR 203 or CONIPUR 222, CONIPUR 210 can be used in combination with EPDM powder (0.0-0.5 mm). The powder must be checked for compatibility with CONIPUR 210 before use.
Coating	Top layer	CONIPUR 210	2.5-3.0 kg/m ²	notched squeegee	Estimation for the net consumption. Incl. excess minimum 4 kg/m ² must be calculated. The exact consumption of EPDM depends on the condition of the surface to be re-topped. The excess granules can be re-used.
		CONIPUR EPDM granules, 1-3.5 mm	≥ 2.8 kg/m ²	broadcast	

Total thickness of the system approx. $x + 3\text{mm}$, x = thickness of existing playground surface

Please note that the thickness of the playground surface is **increased** by approx. **3 mm**. Therefore, there may be a need for some changes in the edge detail.

As HIC values largely depend on the existing playground and the installation, neither values nor test certificates are given here. [As your partner CONICA can offer you HIC measurements of your samples in our laboratories.](#) Please contact your responsible sales manager or our Technical Service.

Preparation

Sports surfaces to be re-topped must be firm and free of loose and brittle particles and substances which impair adhesion such as oil, grease, rubber skid marks, paint or other contaminants.

Prior to the re-topping, the surface has to be prepared by [high pressure washing](#). All the loose particles and dirt have to be removed and the surface left to dry completely.

The [temperature](#) of the [surface](#) to be re-topped must be at least **3 °C** above the current dew point temperature.

The [temperature](#) of the [products](#) must be between **15** and **25 °C**.

Note: Prior to the retopping, there might be a need for [repairs](#). In some areas it may be necessary to renew the entire surfacing system.

Application

Spray a thin film of primer CONIPUR 72 using airless spray equipment. Apply only as much primer as can be [re-coated within 8 hours](#). Allow the solvent to evaporate and the sub base to become sticky.

If re-coating does not take place within the 8 hour period a new coat of primer has to be applied in order to avoid poor adhesion.

Close the pores with pore sealer CONIPUR 203 by using a rubber or metal wiper. In order to minimize consumption, EPDM powder can be added.

Apply CONIPUR 210 onto the pre-treated surface with a notched squeegee and broadcast with CONIPUR EPDM granules (must be [dry](#)) to excess before curing takes place.

Remove the excess EPDM granules (which can be used again) when the coating has cured (hardened).

Remarks

The information given above is based on our experiences.

Depending on the surface conditions extra [preparations](#), like e.g. grinding, may be necessary.

[Preliminary tests](#) must be carried out before doing any kind of retopping.

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”*.