

CONIPUR PG permeable retopping

Permeable Refurbishing System for Worn Playground Surfaces

Fields of application refurbishing of worn playground surfaces with a permeable EPDM layer

System data

	product	consumption	application	remarks
Primer	CONIPUR 72	0.1-0.2 kg/m ²	spray or paint roller	The surface must be prepared by high pressure washing. Adhesion tests are recommended.
Top layer	CONIPUR 4020 (CONIPUR 4080)	1.9 kg/m ²	trowel	The given material consumption refers to the installation on top of an even EPDM surface and does not include material for the repair of local imperfections such as cracks or areas with strong loss of granules. Such areas must be locally repaired (material to be calculated in addition) prior to any retopping.
	CONIPUR EPDM granules 1-3.5 mm	9.6 kg/m ²		

Total thickness of the system approx. $x + 10\text{mm}$, x = thickness of existing playground surface

Please note that the thickness of the playground surface is [increased](#) by approx. **10 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

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 re-topping, 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.

Mix the CONIPUR EPDM granules and CONIPUR 4020 or – for UV sensitive colours – CONIPUR 4080 using a suitable mixer. Install the top layer using a hand trowel.

For the **stability** of the surface it is important to achieve a well compacted **homogenous** surface with a **minimum** surface thickness of **10 mm**.

Let the EPDM layer cure (harden). The curing process depends on temperature and humidity. Do not allow **foot traffic** until the surface is sufficiently cured.

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”*.