CONIPUR Vmax retopping

Re-topping of Impermeable Running Track Surfacing Systems

Fields of application re-topping of existing impermeable running tracks

Properties safe for the athlete (very good foothold, very good retrieval of energy), quick, long lasting

IAAF Class 1 certificate obtained as re-topping of CONIPUR M in Letzigrund Stadium / Zurich / Switzerland 2014

System data

		product	consumption	application	remarks
Primer		**CONIPUR 72**	≤ 0.08 kg/m²	spray	The whole track needs to be examined for damages which need to be repaired before starting the re-topping. In some cases it might be necessary to grind the whole track. In any case the track has to be cleaned with high-pressure water jets and left to dry completely.
Coating	1st layer	**CONIPUR 2350**	2.0 – 3.0 kg/m²	notched squeegee	The consumption of CONIPUR 2350 depends on the existing track (force reduction). Including excess minimum 7.0 kg/m² must be calculated. The exact consumption of CONIPUR EPDM depends on the condition of the surface to be re-topped.
		CONIPUR EPDM granules, 1-3.5 mm	3.0 – 4.0 kg/m² (net)	broadcast	
Coating	Top layer	**CONIPUR 2375**	3.0 kg/m²	notched squeegee	Including excess minimum 4.2 kg/m² must be calculated. The exact consumption of CONIPUR EPDM depends on the condition of the surface to be re-topped.
		CONIPUR EPDM granules, 1-3.5 mm	2.8 kg/m² (net)	broadcast	
Sealing Lacquer	optional	**CONIPUR 2200** (CONIPUR 2210)	0.30 kg/m²	spray (in 2 coats)	CONIPUR 2210 with anti-skid properties
Line paint		**CONIPUR 8150**	20-30 g/m	spray	

Thickness (total) x + 4 + 4 mm (x = total thickness of the system to be re-topped)

We will be glad to support you by measuring samples of the existing floor and suggest a suitable refurbishment. On request, one of our technicians can also inspect the hall.

Depending on the **state** of the existing surface, it may be possible that a **different procedure** is necessary or sport-functional requirements cannot be achieved despite a refurbishment.

Preparation

The surface to be re-topped must fulfil the relevant standards with special reference to: flatness, gradients, thickness and load bearing capacity. Surfaces to be re-topped must be firm and free of loose and brittle particles and substances which impair adhesion.

The gradients as well as the drainage have to be checked and – if necessary – repaired.

In case an IAAF classification is planned, please make sure, that the relevant requirements are met.

Note: Prior to the re-topping, necessary repairs have to be done.

It is most likely that the abrasion may be different in the high use areas.

These areas may require special treatment in order to blend with the new surface.

In some areas it may be necessary to renew the entire surfacing system.

In addition the whole track needs to be checked for possible local separations which either have to be fixed again with PU glue or – if necessary – cut out and re-filled.

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.

Preliminary tests are mandatory before the Retop is started. If needed we can offer to test samples of the existing floor and send our proposal for Retop.

The temperature on the surface to be re-topped must be at least 3 °C above the current dew point temperature.

The temperature of the products is best between 15 and 25 °C before and during installation.

Application

Spray a thin film of primer CONIPUR 72 (max. 0.08 kg/m²) 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.

Apply CONIPUR 2350 onto the pre-treated sports surface with a notched squeegee and broadcast with CONIPUR EPDM granules (must be dry) to excess before curing takes place. Grain size 1-3.5 mm.

Remove the excess CONIPUR EPDM granules when the coating has cured.

Mix (see product data sheet) and apply CONIPUR 2375 with a notched squeegee and broadcast with CONIPUR EPDM granules (must be dry) to excess before curing takes place. Grain size 1-3.5 mm.

Remove the excess CONIPUR EPDM granules when the coating has cured.

The surface can be sealed with pigmented CONIPUR 2200, sprayed in 2 coats from opposite directions.

Remarks

The information given above is based on our experiences. Depending on the surface conditions extra preparations, like e.g. grinding or milling, may be necessary.

Preliminary tests must be carried out before doing any kind of re-topping**.**

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"*.

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