

CONIPUR 8150

Two Component PUR Line Painting for Outdoor Sports Surfaces

Product description

CONIPUR 8150 is a solvent containing, weather resistant, pigmented and mat finish two component PUR line painting.

Fields of application

CONIPUR 8150 is used as line painting for PUR based synthetic sports surfaces, particularly for outdoor coatings.

Properties

CONIPUR 8150 exhibits good adhesion to non-porous substrates, particularly to CONIPUR outdoor sports surfaces.

CONIPUR 8150 is easy to apply, easy to clean and shows good UV and weathering resistance.

Fully cured, CONIPUR 8150 exhibits good mechanical properties and is resistant to water, sea and waste water, as well as a variety of alkalis, diluted acids, brine, mineral oils, lubricants and fuels.

Technical Data

Mixing ratio	in parts by weight		5 : 1
Solid content	in parts by weight	%	approx. 53
Density	component A, at 23 °C	g/cm ³	approx. 1.38
	component B, at 23 °C	g/cm ³	approx. 1.07
	mix, at 23 °C	g/cm ³	approx. 1.32
Viscosity	at 23 °C	mPas	approx. 500
Pot life	at 23 °C	min	approx. 60
Dust dry after	at 23 °C	min	approx. 10
Touch proof	at 23 °C	min	approx. 30
Ready for foot traffic	at 23 °C	h	approx. 12
Fully cured, ready for exposure to traffic	at 23 °C	d	approx. 5
Substrate and application temperature	minimum	°C	10
	maximum	°C	30
Re-coating interval	minimum, at 23 °C	h	12
	maximum, at 23 °C	d	2
Permissible relative humidity	maximum	%	80
Above figures are guide values and must not be used as a base for specifications!			

Application method

CONIPUR 8150 is supplied in the correct proportions of component A (resin) and component B (hardener).

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

The [temperature](#) of the [substrate](#) must be at least [3](#) °C above the current dew point temperature.

Pour component B into component A and ensure that pail containing component B is emptied completely.

To achieve a homogenous mix, thoroughly [mix](#) with a slow rotating mixing device at about 300 rev/min. Ensure that the mixing device reaches the side and bottom areas of the mixing vessel.

The mixing process takes [at least two minutes](#) and must be performed until the blend is [homogenous](#) and streak free.

Do [not apply](#) the product out of the pail used for mixing. Pour the mix into another [clean](#) pail and mix it again for one additional minute.

CONIPUR 8150 is applied to the pre-treated substrate with a suitable line marking machine, a paint roller or a brush.

The pot life and curing time of CONIPUR 8150 are influenced by the ambient material and substrate temperature. At low temperatures, chemical reactions are generally slowed down; this lengthens the pot life, re-coating interval and open time. At the same time, the viscosity increases which leads to a higher consumption. High temperature and humidity accelerate chemical reactions so the contrary is true. Direct sunlight shortens the time frames considerably.

After application, the material must be protected from direct contact with water for approx. 16 hours (at 15 °C). Within this period, water could cause foaming of the line painting.

When working at low temperatures or with smaller spraying-nozzles, the viscosity of CONIPUR 8150 can be reduced by adding up to 10 % THINNER 20 or THINNER 32.

Cleaning agent

Re-usable tools must be cleaned carefully with CLEANER 40 or other suitable solvents (e.g. butyl acetate). Never use water or alcoholic solvents as cleaners.

Substrate condition

CONIPUR 8150 is used as line paint on PUR surfaces.

Substrates to be coated have to be firm, dry, load bearing and free of loose and brittle particles and substances which impair adhesion such as oil, grease, rubber skid marks, paint or other contaminants.

Pre-treatment of the substrate by e.g. grinding or sanding is only necessary if the surface is very dirty, when applied onto old coatings or line markings or if the re-coating interval has been exceeded.

The **temperature** of the **substrate** must be at least **3 °C** above the current dew point temperature.

Pack size

CONIPUR 8150 white coloured is supplied in 27 kg or 4.8 kg working packs. All other colours are delivered in 2.4 kg working packs. A and B component are supplied separately in the correct proportions.

Colour

ca. RAL 1018 = yellow
ca. RAL 2010 = orange
ca. RAL 3001 = red
ca. RAL 6025 = green
ca. RAL 5012 = blue
ca. RAL 9004 = black
ca. RAL 9016 = white
"ca." stands for approximate match to RAL

Storage

Store in original closed packs under dry conditions at a temperature range of 5 - 25 °C.

Do not expose to direct sunlight.

Before use, please see "best before" date on the pail / drum.

Safety precautions

CONIPUR 8150 is non-hazardous in its cured condition.

For protective measures, transport regulations and waste management please refer to the Material Safety Data Sheet of the product.

CONIPUR 8150 meets the requirements of the EC directive 2004/42/EC.