

CONIPUR 3202 W (CONIPUR 3202 W AB)

Two Component, Water Based PUR Indoor Sealing Lacquer with Satin Mat Finish

Product description

CONIPUR 3202 W is a water based, elastic, two component satin mat finish PUR sealing lacquer of low viscosity.

Fields of application

CONIPUR 3202 W is used as pigmented, UV resistant sealing lacquer for low emission CONICA indoor coatings.

CONIPUR 3202 W extra mat pigmented is characterized by its very low degree of gloss, which complies with the Dutch standard NOCNSF-US1-15.

CONIPUR 3202 W transparent, colourless is used as colourless top coat on top of pigmented, elastic top coats for indoor sports floorings or on the pore sealer

CONIPUR 4480 in the playground system CONIPUR PGi.

As a product variant, we offer CONIPUR 3202 W AB (tested according to ISO 22196:2011), which reduces the spread of germs over the floor and does not provide a breeding ground for microorganisms. CONIPUR 3202 W AB features the same properties, technical details and is applied as CONIPUR 3202 W.

For the use of CONIPUR 3202 W or CONIPUR 3202 W AB on other subbases than CONICA coatings the suitability has to be tested in advance.

Properties

CONIPUR 3202 W exhibits good adhesion to non-porous substrates.

The top coat is easy to apply and exhibits once cured excellent mechanical properties.

Technical Data

Mixing ratio	in parts by weight		10 : 1
Density (pigmented)	mix, at 23 °C	g/cm ³	approx 1.18
Viscosity (pigmented)	at 23 °C, 50 % relative humidity (RH)	mPas	450 +/-100
Density (colourless)	mix, at 23 °C	g/cm ³	approx 1.05
Viscosity (colourless)	at 23 °C, 50 % RH	mPas	650 +/-100
Application time (10 kg working pack)	at 23 °C, 50 % RH	min	approx. 60
Application on the coating after	min. at 23 °C, 50 % RH max. at 23 °C, 50 % RH	h	12 48
Dust dry after	at 23 °C, 50 % RH	h	approx. 4
Ready for foot traffic	at 23 °C, 50 % RH	h	approx. 12
Fully cured (chemically resilient) after	at 23 °C, 50 % RH	d	approx. 7
Substrate and application temperature	at least maximum	°C °C	10 30
Permissible relative humidity	at least maximum	% %	30 80
<i>Above figures are guide values and must not be used as a base for specifications!</i>			

Application method

CONIPUR 3202 W 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 the pail containing component B is emptied completely. The mixing procedure needs to start immediately.

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 use the product out of the mixing pail. Pour the mix into another clean pail and mix it again for 1 more minute.

CONIPUR 3202 W is applied by rolling with "Microtex" rollers (tuft size 10-12 mm). Roll evenly and lane wise.

Keep the overlap areas to a minimum, longer application times should be avoided. Subsequent rerolling with a clean roller is always necessary.

Application and curing times are influenced by the temperature of the material, the substrate and the air as well as the circulation of the air. At low temperatures, the chemical reactions are slowed down; this lengthens the pot life, re-coating interval and open time. High temperature and humidity accelerate chemical reaction, so the contrary is true.

Important

As CONIPUR 3202 W is **water based**, it is more **sensitive** to high / low temperatures and humidity than solvent containing products – thus **special attention** needs to be paid on the **climatic conditions before, during and after** application.

The **application must** be carried out **without interruptions** in order to avoid flooding of the pigments (cloudy surface).

Make sure that doors and windows are closed, to **avoid air circulation** during the application and curing. Airflow can **negatively** influence the optical properties by creating roller marks. High temperature and humidity accelerate the curing process.

Indirect ventilation systems and **underfloor heating** systems must be adjusted or shut off to avoid too rapid drying.

For complete curing, the mean temperature of the substrate must not fall below the lowest application or object temperature.

After application, the material must be protected from direct contact with water for approx. 12 hours (at 15 °C). Within this period, water could cause swelling of the sealing lacquer.

For CONIPUR 3202 W AB, the preparation, application and technical details are the same.

Cleaning agent

After application or in the event of application interruption, re-usable tools must be cleaned carefully with **CLEANER 40** or other suitable, commercially available solvents (e.g. butyl acetate). Never use alcoholic solvents as cleaner.

Substrate condition

CONIPUR 3202 W is applied to low emission, elastic CONICA coatings as well as to the pore sealer CONIPUR 4480 of the playground system CONIPUR PGi.

Sealing with CONIPUR 3202 W on coatings must be done **latest within 2 days** after the application of our coating material.

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 coating is very dirty, when applied onto old coatings or if the re-coating interval has been exceeded.

The consumption is approximately 0.13 kg/m².

Important

A 2nd layer of the top coat **must** be applied **latest 24 hours** after the 1st layer without any pre-treatment - the floor needs to be clean, dry and free of dust.

If the first layer of the top coat is older than **24 hours** before the second coat is applied, **grinding** and **cleaning** is **mandatory**.

Otherwise **adhesion** problems may occur.

Grinding: thorough **matting** of the **complete surface** with a single disk machine and a grinding net (grain size 180) or a black pad. There must be **no visible glossy spots**.

Subsequent **cleaning** (vacuum cleaning, wiping moistly, curing completely) is necessary before the 2nd coat of the top coat can be applied.

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

Pack size

CONIPUR 3202 W is supplied in 10 kg working packs. A and B component are supplied separately in the correct proportions.

Colour

- standard colours: see CONICA's colour chart for indoor sports flooring - other colours on request.
- transparent, colourless

Important: Please make sure, that the CONICA top coat has sufficient coverage strength. Otherwise, the top coat has to be applied twice – in some rare cases even three times.

Though the delivery is arranged to be **one batch** for part A only please verify, that there is only one batch of part A on site.

Storage

Store in original closed pails under dry conditions at a temperature range of 15 - 25 °C.

Important: Product is **sensitive to frost!**

Do not expose to direct sunlight.

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

Safety precautions

CONIPUR 3202 W and CONIPUR 3202 W AB are 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 3202 W and CONIPUR 3202 W AB meet the requirements of the EC directive 2004/42/EC.

CE-Label:

see Declaration of Performance



UKCA-Label:

see Declaration of Conformity

