



# PUR Indu Color N

2-component, solvent free, self leveling polyurethane coating

Availability		
Quantity per pallet		
Packaging unit	10 kg	25 kg
Type of container	Tin bucket	Tin bucket
Container code	10	25
Art. no.		
260184	■	■

**Application rate** See application examples

## Range of use



- Seamless, wear resistant floor finish for several application areas
- Examples of application areas are: education, healthcare, residences, offices and public buildings
- For use Wood, Asphalt, Steel and concrete
- Flexible for Mezzanine Structures
- Waterproofing of Plant room floors

## Property profile

- Tough coating
- With static crack-bridging ability
- Can be subjected to mechanical loads
- Can be subjected to chemical loads
- Suitable for hand pallet trucks and forklift trucks
- Physiologically harmless once fully cured

## Characteristic data of the product

### ■ On delivery

Density (20 °C)	1500 kg/m <sup>3</sup>
Drying time	min. 16 hours and max. 48 hours
Compressive strength	min. 25 N/mm <sup>2</sup>
Adhesive pull strength	min. 1,5 N/mm <sup>2</sup>

### ■ Once fully cured

Abrasion according to Taber test	0.075g (CS10/1000 cycles)
Shore D after 28 days	60
Elongation at break	100 - 110% DIN 53455

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.



- Possible system products
- PUR Uni Color (6800)
  - PUR Aqua Top 500 2K M (3633)
  - PUR Aqua Top M (3673)
  - PUR Aqua Color Top M (86580)

## Preparation

### ■ Substrate requirements

The substrate must be firm, dimensionally stable, capable of bearing loads and free of loose constituents, dust, oil, grease, rubber marks and other substances that could interfere with adhesion.

The substrate must be dry.

Suitable Remmers Epoxy primers or Epoxy scratch coats must be used on cement substrates.

Refer to the current Technical Data Sheet for detailed information on the single products.

Prime interior poured asphalt surfaces (AS-IC 10 or AS-IC 15) with PUR Uni Color.

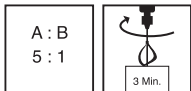
For works within the framework of the general building inspectorate approval, the substrates must correspond to the requirements of the approval and the system products mentioned therein must be used.

### ■ Substrate preparation

In the case of interior poured asphalt surfaces, take suitable measures to prepare the substrate, e.g. steel ball blasting or grinding with a diamond disc, in order to meet the requirements listed above.

Then prime and/or level out with PUR Indu Color N.

## Production of the mixture



### ■ Combi-container

Add the entire quantity of the hardener (component B) to the base compound (component A).

Mix thoroughly with a slow-speed electric mixer (approx. 300 - 400 rpm).

Pour the mixture into a separate container and mix again thoroughly.

Mix for at least 3 minutes.

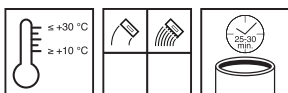
Insufficient mixing is indicated by streaks forming.

<b>Mixing ratio</b>	5:1 by weight
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In the case of filled systems, slowly stir the corresponding quantity of filler into the reaction resin mixture and mix thoroughly.

As soon as the mixture is ready to use, apply it in full to the prepared surface and spread it using suitable tools.

## Directions



For professional users only!

### ■ Conditions for use

Temperature of the material, air and substrate: from min. +10 °C to max. +30 °C

After application, protect the surface for at least 48 hours from exposure to water and moisture.

The relative humidity must not exceed 75%.

The temperature of the substrate must be at least 3 °C above the dew point temperature during application and curing.

### ■ Working time (+20 °C)

approx. 30 minutes



■ **Waiting time (+20 °C)**

The application time of the PUR Indu Color N at 20 °C is about 25 to 30 minutes.

Note:

At a temperature rise of 10 °C the application time will reduce by half.

At a temperature reduction of 10 °C the application time will double.

As a general principle, higher temperatures will reduce and lower temperatures will increase the times stated.

**Tips on use**



■ **Drying**

The drying and curing times of the PUR Indu Color N, at a layer thickness of 2 mm are as follows:

- recoatable : after 16 hours and a maximum within 48 hours at 20 °C

- fully cured : after 7 days at 20 °C

**Application examples**

Application	Level of filling with select mix 01/03	Binder application rate [kg / m <sup>2</sup> ]	Mixture application rate [kg / m <sup>2</sup> ]	Toothed blade	Application rate per mm layer thickness [kg / m <sup>2</sup> ]
Coating <mm	unfilled	0.5	0.5	Roller	1.40
Filled coating	1: 0.5	min 1.7 kg / m <sup>2</sup>	min 2.5 kg / m <sup>2</sup>	No. 55	1.50

The stated approximate application quantities refer to smooth, level substrates.

The degree of filling is heavily dependent on the climate conditions on the building site and must be corrected upward or downward depending on temperature.

The application rates given for each toothed blade are based on experience values and can vary depending on the conditions on site.

■ **Priming**

Pour the material liberally onto the poured asphalt surface. Spread using a suitable tool, e.g. a rubber scraper, then roll using an epoxy roller.

Application rate                      approx. 0.4 kg/m<sup>2</sup> binder (depending on the substrate)

■ **Levelling layer/scratch coat**

Pour the material filled up to 1 : 0.3 parts by weight onto the prepared surface and spread using a suitable trowel.

Application rate                      (see table)

■ **Coating**

Pour the material onto the surface and spread evenly with a rubber scraper and epoxy roller.

The application rate depends on the substrate, temperature, required coating thickness, and optical requirements.

Application rate                      (see table)



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■ **Filled coating**

Pour the material filled with Selectmix 01/03 on the previously prepared surface and distribute with a suitable toothed trowel/spreader and, if needed, roll over with a spiked roller.

The degree of filling must be chosen depending on substrate, temperature and required layer thickness.

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**Notes**

Unless otherwise specified, all of the values and application rates given above have been determined under laboratory conditions (20 °C) using standard colours. Slight deviations from these values may arise if the product is worked with on site.

When coating continuous surfaces, only use materials with the same batch number as slight differences in colour, gloss and texture may occur.

Owing to the tendency to yellow, the possible colour deviations, and the reaction to soiling, it is highly recommended to apply a suitable coloured Remmers seal coat.

Special colours, low layer thickness or differing sand fractions as well as lower temperatures can reduce the maximum degree of filling of the material and possibly affect the visual appearance of the surface.

In case of repairs on the surface or working up to existing surfaces, there will be a visible transition in appearance and texture.

Abrasive mechanical loads leave traces of wear.

Exposure to vehicles with metal or polyamide tyres as well as dynamic concentrated loads can cause faster wearing of the coating.

Further notes on working, system construction and maintenance of the listed products can be found in the latest Technical Data Sheets and the Remmers system recommendations.

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**Tools / Cleaning**



PUR Indu Color N can be applied with:

Toothed trowel, toothed scraper, rubber scraper, epoxy roller, suitable mixing apparatus

More detailed information can be found in the Remmers Tool Programme.

Clean tools, equipment and splashed material immediately while fresh with V 101 Thinner. Take suitable protective and waste disposal measures when cleaning.

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**Storage / Shelf life**



In the original, unopened packaging, stored in a dry place between 5 °C and 25 °C, minimum 12 months.

May not be stored or exposed to temperatures beneath 5 °C.

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**Safety data / Regulations**

Further information concerning safety during transport, storage and handling as well as on disposal and ecology can be found in the latest Safety Data Sheet.

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**Disposal**

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.



Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

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