



**DINITROL®**

# **DINITROL PVC PA 283 02**

**SEAM SEALANT FOR  
POWDER COATING**

[www.dinitrol.com](http://www.dinitrol.com)

A close-up photograph of orange-painted sheet metal components, likely part of a machine. The image shows several overlapping joints and a circular ring-like feature. The lighting is dramatic, highlighting the texture of the paint and the metallic surfaces.

## SHEET METAL BUTT JOINTS AND OVERLAP JOINTS

# WHY DINITROL PVC PA 283 02?

DINITROL PVC PA 283 02 is a solvent-free, 1-component, cold-applied and heat-curing adhesive and sealant based on PVC epoxy.

It has been specially developed for **grouting, sealing and levelling out before powder coating**. It is used in mechanical engineering and vehicle construction, such as for agricultural and construction machinery, but also by OEM automotive manufacturers and vehicle construction.

### BENEFITS

**No need to pre-cure the product  
before powder coating!**

- Ideal for applications before powder coating
- Solvent-free
- Fast further processing
- OEM approved

A person wearing a full white protective suit, including a hood and gloves, is using a spray gun to apply a substance to a white metal frame. The background is a blurred outdoor setting with trees.

## STEEL STRUCTURES AND MACHINERY





## POWDER COATING

DINITROL PVC PA 283 02 is very popular with users due to its **easy handling** – it is easy to apply, remove and shape. The product is characterised by its intrinsic strength, also enabling the material to be used in larger or vertical joints and retains its intended shape.

The main advantage of the product is that DINITROL PVC PA 283 02 does not need to be pre-cured before powder coating, but can be coated immediately after application. The component can then be placed in the oven immediately, as there is **no need to pre-cure the seam sealant**.

### YOU WILL SAVE



Time



Energy



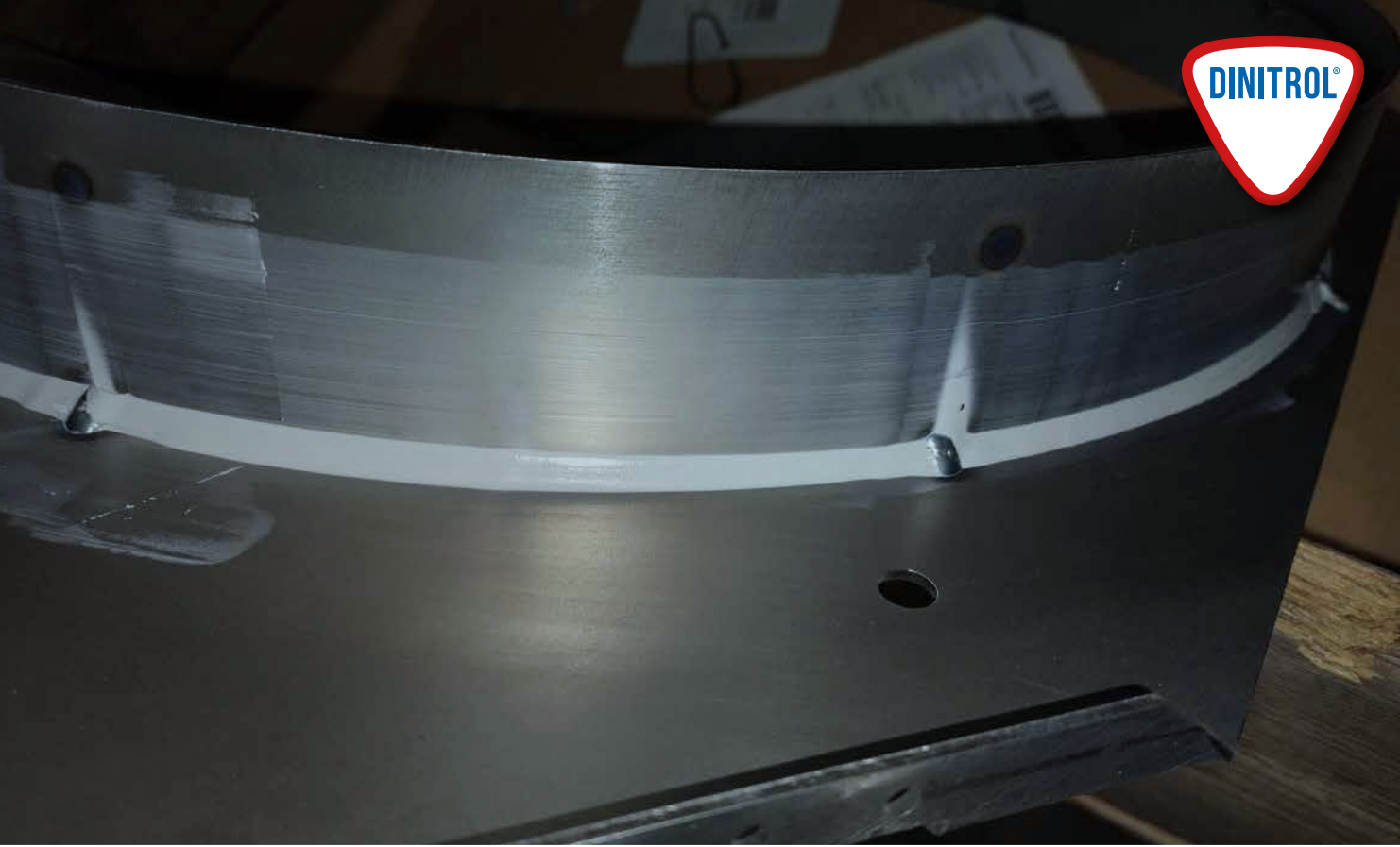
Money (CPU)



## BODY AND VEHICLE CONSTRUCTION

### Applications and materials

- Cars
- Construction machines
- Buses
- Industrial plants
- Trucks
- Commercial vehicles
- KTL
- Steel
- Steel sheets
- Aluminium
- Fan housing
- Electrical cabinets
- Quilting/spot seams



## Optimal application of DINITROL PVC PA 283 02



### 1. Clean

The surfaces should be free of grease. No special treatment is required.



### 2. Seal

The product is applied using a cordless applicator or air gun and suitable dispensing nozzles.



### 3. Powder coating

The powder coating is applied immediately after sealing the components. Pre-curing is not necessary!



### 4. Burn-in

DINITROL PVC PA 283 02 is cured together with the powder coating – in just one work step!



## Product properties

Base material	PVC epoxy resin mixture
Colour	Grey, RAL 7004
Packaging sizes	600 ml foil wrap, 25 kg pail
Application	The workpieces to be sealed are usually pretreated in a cleaning/degreasing system before powder coating. This means that no further cleaning or mechanical treatment of the workpieces is required before sealing with DINITROL PVC PA 283 02. The nozzle tip should be cut to size depending on the intended application. Apply with a suitable compressed-air or battery gun (if used from hobbicks, please contact DINOL).

### For more information

Just scan and read the technical data sheet with all the additional information.



### Hazards identification

2.1 Classification of the substance or mixture:  
 GB CLP Regulation  
 Skin Irrit. 2; H315; Eye Dam. 1; H318;  
 Skin Sens. 1; H317; Aquatic Chronic 2; H411



**Get advice on DINITROL PVC PA 283 02 now**

We not only have the best product for your requirements, but also competent contacts for you – directly and personally. For a personal consultation, please send us an e-mail to [info@dinol.com](mailto:info@dinol.com).

**We look forward to hearing from you!**





THE QUALITY SOLUTION

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