



# GrüloCOAT Systeme

*...for long-lasting protection and maximum life!*



**Polyurea is not just a coating, but an investment in the future of your systems.**

# Grülo**COAT**

**Maximum protection, minimum worries**  
- for your pipes inside and outside!



Our state-of-the-art **GrüloCOAT**-coating not only provides outstanding corrosion, chemical and abrasive resistance, but also sets new standards in durability and efficiency.

With our **GrüloCOAT**-coating, your pipes from a nominal diameter of 150 mm are not only protected, but also equipped for the challenges of the future. The unique formula of this coating enables rapid curing, which minimises downtime as you can get your systems back into operation quickly. Whether in industry, construction or water management - Polyurea provides a reliable and protective coating that is characterised by its versatility.



Our **GrüloCOAT** coating is applied seamlessly and is extremely resistant to chemical and physical attacks. It is impermeable to water and foodstuffs, protects against abrasion, corrosion and chemicals, and is resistant to temperature and ageing.



## Your benefits

### Maximum durability

Protect your pipes from corrosion, chemicals and abrasives for longer life.

### Fast curing

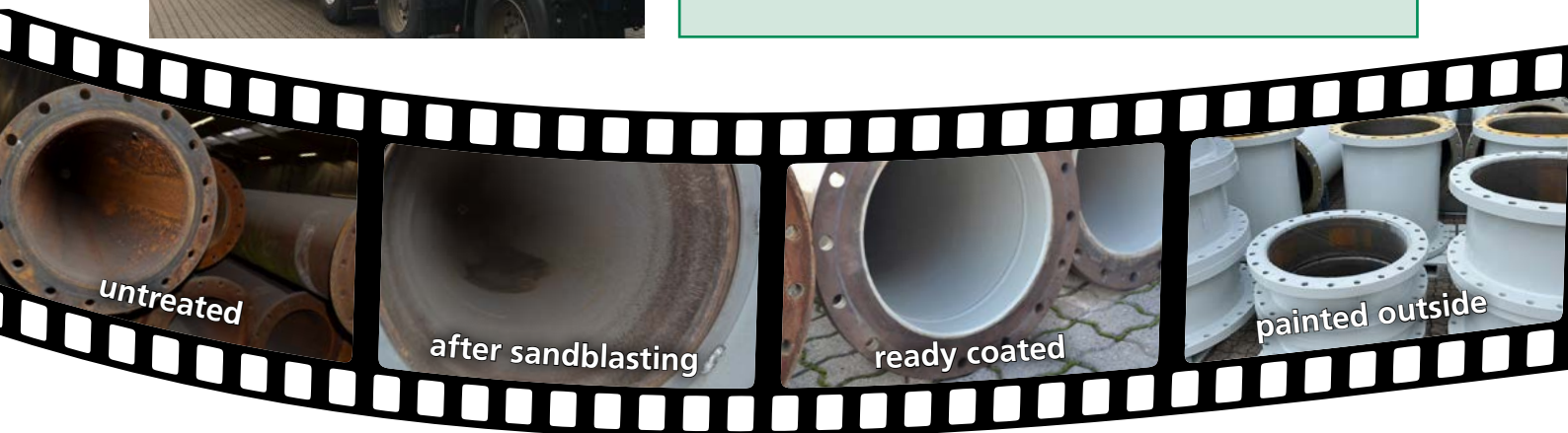
Minimise downtime and maximise efficiency - we get your systems back up and running quickly.

### Versatile protection

Whether aggressive chemicals, abrasive wear or extreme weather conditions - polyurea stands the test of time.

### Sustainability

Longer service life means fewer replacements and less environmental impact.



untreated

after sandblasting

ready coated

painted outside

## Discover GrüloCOAT - The future of surface coating!

### Innovation in coating technology

Polyurea is a state-of-the-art two-component coating technology created by the reactive mixture of isocyanates and amines. This chemical reaction takes place at lightning speed and results in a seamless, tough protective coating on a wide range of surfaces.

#### Features and benefits:

- **Fast curing:** Polyurea coatings have an extremely fast drying time, resulting in minimum downtime and maximum efficiency.
- **High resistance:** They provide excellent protection against abrasion, chemicals, UV and extreme weather conditions.
- **Flexibility and elasticity:** Coatings conform to surface movement, preventing cracking and chipping.
- **Excellent adhesion:** Coatings adhere strongly to a wide range of substrates including concrete, metal, wood and plastic.
- **Environmentally friendly:** Many formulations are solvent-free or contain low levels of solvents, enabling environmentally friendly applications.

#### Applications:

- **Versatile applications:** Whether in industry, construction or raw material processing plants, for vehicle coatings or waterproofing, polyurea B-coatings can be used in a wide range of applications.
- **Geometric challenges:** The short pot life means that even challenging geometries or vertical surfaces can be coated with ease. This makes polyurea ideal for coating pipes, bends and hose couplings.
- **Floor coatings:** Give floors a durable, hard-wearing finish.
- **Roof waterproofing:** Protect roofs from water ingress and the effects of the weather.

Discover innovative coating technology with **GrüloCOAT** – durable, efficient and adaptable to your individual needs. The ideal choice for multi-functional surface protection in industrial and commercial environments.

### Characteristics



Food safe



Fire retardant



Abrasion resistant



UV resistant



Flexible



Slip resistant



Temperature resistant



Waterproof and root resistant



Crack bridging



Sea water resistant



Cut resistant



Impact resistant



Antistatic



Noise absorbing



Microbe stable



Wear resistant



Corrosion free



Chemical resistant



Approvals for Different areas



Seamless and joint-free Applicable



Stretchable 400 %



Fast reaction times



Applicable in different thicknesses



Available in all RAL colours



## Competence in Rubber Coating

### Soft Rubber Coating - Wear Protection

Rubber as protection against wear is an optimal cover for machines and plants. It is most suitable for coating of transport- and storage containers, chutes, gutters or funnels due to high tensile strength and elasticity.

We process natural rubber (NR) of 2, 5, 7 and 10 mm thickness in soft rubber coating. On demand we offer to choose between highly wear resistant 40° Shore A in blue or highly abrasion resistant 60° Shore A in black.

### Advantages of Rubber Coating

- wear protection
- noise protection
- vibration protection
- higher lifetime
- lower caking

### Applications

- road sweeper parts
- suction dredge wear parts
- engine pumps
- crushing plants
- gutters and chutes
- deflection plates and deflector metal sheets
- spiral pump shafts
- truck mixer gutters/-chutes
- gravel excavator pumps
- lining for sandblast cabins
- ventilation cases
- pipe coating for sand- and gravel industry



### Hard Rubber Coating - Protection against corrosion (acc. to EN 14879-1)

The material characteristics of synthetic rubber – high ageing and weather resistance as well as an outstanding chemical resistance – offer optimal protection against aggressive media inside industrial plants.

Mostly a hard rubber coating with the materials Butyl rubber or Hypalon® is used, furthermore IR, BR, SBR, IIR, CR and NBR .

### Applications

- flue gas desulfurisation plants
- pipe coating
- basins/tanks for chemicals
- basins for electroplating and much more

