

## The coating process makes the difference.

Our Blue Shield coating is applied using the fluidised bed Epoxy coating process. First, we heat the component to the exactly defined temperature. Subsequently, we immerse it in a powder bath. The powder melts, and the product is covered as if with a glaze. To ensure the perfect thickness, we always observe the right operation duration. After the bath, the component is turned several times to remove any excess powder. We use this process even for big dimensions up to DN 600.



Water is the most important resource in the world - for us and our environment. Valves and pipe connections are vital components of the water infrastructure. They are in direct contact with the potable water and ideally reliable to operate over generations. This requires high-quality coating.



**Design** of the components optimized for coating



Perfect **preparatory treatment** of the products



**Precise temperature** during the coating process



**Optimum dwell time** in the “coating bath”



**Consistent** coating thickness



**All-over protection** even in hidden areas



**Robot-controlled** process for consistent quality

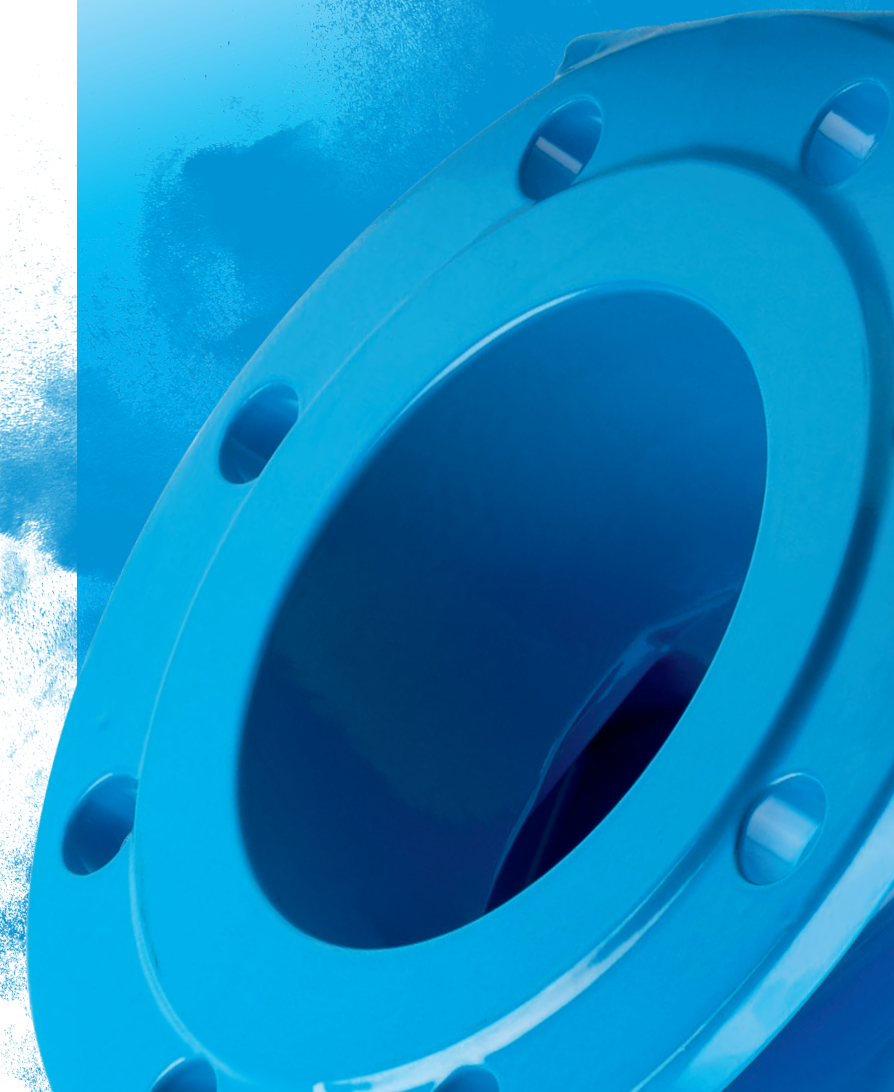
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made for generations.

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# BLUE SHIELD

**Epoxy Excellence**







Perfected over decades:

# BLUE SHIELD

As long as 40 years ago, our coating technology was already a decisive driver on the market of urban water management. Since then, we have constantly increased our know-how and perfected our coating. Today, our unique Blue Shield coating is even more robust and offers our customers a maximum of reliability, durability, and safety.

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40 YEARS OF EXPERIENCE

∞

PERFECT CORROSION PROTECTION



## ∞ Perfect corrosion protection

Immersing instead of spraying: this is how we achieve consistent all-over coating as well as ideal thickness and adherence - even at the corners and in hidden areas inside the component.

## 40 40 years of experience

Our excellent technology makes us stand out and a pioneer in FBS coating. As a founding member of the Gütegemeinschaft Schwerer Korrosionsschutz GSK (the Quality Association for Heavy-Duty Corrosion Protection), we are committed to no-compromise quality. This enables us to always achieve perfect results for our customers.

## 💧 Comprehensive carefree package

Due to our ten years guarantee, customers can rely on the quality and durability of our premium coatings. Thus, we convey a sense of reliability for generations.

## This is how we set new standards.

To ensure consistent quality, our coating process is controlled by a robot. The results of our Blue Shield: high-grade, robust, and durable valves meeting top quality standards. This is also confirmed by external certifiers such as ÖVGW and Kiwa. Due to extensive production control and 100% potable water conformity, we offer the best possible coating. Our adherence has been certified by the GSK and clearly exceeds the industrial standard.



## Our quality can be measured.

To ensure that we meet our own high quality requirements, we always put our coatings through their paces in a number of tests:

- Adherence test
- Cathodic infiltration
- Impact test
- Zero-porosity
- Stockholm test
- Coating thickness

## Why should you rely on Blue Shield?

When you opt for premium valves, you will save time and money. Our coating ensures many years of operability and service life. This helps to avoid leakage, water loss, and expensive repair. For our customers, this means that they can forget about all this for decades.