

## BERGOLIN PIPE COATING FIXPACK 6E4000

Series 6E4000 · Solvent-free 2K EP repair coating from the cartridge for pipelines and tanks



### 01 PRODUCT DESCRIPTION

**Bergolin Pipe Coating FixPack 6E4000** is based on modern, solvent-free 2K epoxy technology, is applied directly from the 2K cartridge, cures rapidly and offers the same protective and performance properties as the original system. With high resistance to corrosion, chemicals and mechanical stress it reliably restores the full functionality of the corrosion protection. It is therefore not only the ideal complement to Bergolin Pipe Coating 6E3500 but also an efficient repair solution for further Bergolin tank and protective coatings.

### 02 PRODUCT PROPERTIES

|                  |                                                                                                           |                                                                                                           |                                                                                                    |
|------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Binder system    | Epoxy resin                                                                                               |                                                                                                           |                                                                                                    |
| Hardener system  | Bergolin Hardener 7E4000                                                                                  |                                                                                                           |                                                                                                    |
| Cleaning thinner | Bergolin Thinner 5E403                                                                                    |                                                                                                           |                                                                                                    |
| Characteristics  | <br>Solvent-free         | <br>Corrosion protection | <br>Fast curing |
| Color shade      | Oxide red (further shades on request)                                                                     |                                                                                                           |                                                                                                    |
| Gloss            | Glossy                                                                                                    |                                                                                                           |                                                                                                    |
| Shelf life       | Approx. 12 months in the unopened original container at +4 °C to +40 °C. Protect from frost and moisture. |                                                                                                           |                                                                                                    |

| Property                                             | Comp. A                        | Comp. B                        | Mixture                        |
|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Density · DIN EN ISO 2811-1 · +20 °C * <sup>1</sup>  | Approx. 1.32 g/cm <sup>3</sup> | Approx. 1.32 g/cm <sup>3</sup> | Approx. 1.32 g/cm <sup>3</sup> |
| VOC content · IE Directive 2010/75/EU * <sup>1</sup> | Approx. 1.14 g/l               | Approx. 0.35 g/l               | Approx. 0.99 g/l               |
| Solid content (wt.-%) · SDS * <sup>1</sup>           | Approx. 98.86 %                | Approx. 99.12 %                | Approx. 98.95 %                |
| Viscosity · DIN EN ISO 2555 · +20 °C * <sup>1</sup>  | Approx. 1,900 mPas             | Approx. 7,000 mPas             | Approx. 2,900 mPas             |

\*<sup>1</sup> Depending on colour shade

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### 03 APPLICATION

The following information may vary depending on the application. Please contact your direct contact person for more detailed information.

|                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Substrate                                                                                                                                    | Steel (further substrates on request)                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Surface preparation                                                                                                                          | Surface preparation to EN ISO 12944-4; free from weld spatter, pores, overlaps, burrs, grease, oil and dirt. Blast-clean to Sa 2½, mean roughness Rz approx. 30–70 µm.                                                                                                                                                                                                                                                                                                                          |
| Mixing ratio                                                                                                                                 | 100 : 50 by weight   100 : 50 by volume                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Mixing                                                                                                                                       | Two-chamber cartridge with static mixer; the components are mixed in the specified ratio.                                                                                                                                                                                                                                                                                                                                                                                                       |
| Theoretical consumption                                                                                                                      | Approx. 0.13 kg/m² per 100 µm dry film thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application method                                                                                                                           | <div>  <br/>Brush </div> <div>  <br/>Roller </div>                                                                                                                                                                                                                                                                          |
| Application conditions                                                                                                                       | <div>  <b>Application temperature</b> +8 °C to +40 °C air temperature; object temperature min. +8 °C </div> <div>  <b>Relative humidity</b> max. 90 % </div> <div>  <b>Dew point</b> Object temperature min. 3 °C above dew point </div> |
| Pot life <sup>*2</sup>                                                                                                                       | Approx. 30 min                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>DRYING</b>                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Touch-dry                                                                                                                                    | Approx. 8 h at +20 °C   forced approx. 50 min at +50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Compatible systems                                                                                                                           | Complement to Bergolin Pipe Coating 6E3500<br>Repair solution for further Bergolin tank and protective coatings<br>Further applications on request.                                                                                                                                                                                                                                                                                                                                             |
| <sup>*2</sup> Values are based on laboratory measurements at +20 °C. Lower temperatures slow down drying; higher temperatures accelerate it. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### 04 NOTE

This product data sheet supersedes all previously published product data sheets. The information contained herein is based on practical experience under standard conditions and assumes proper storage and processing. Substrates, materials and working conditions may vary. Therefore, no warranty or liability can be derived from the information contained in this document or from verbal consultation. It is the buyer's responsibility to verify the product's suitability for the intended use. Preliminary trials are recommended. The relevant legal regulations, the leaflets of the BG RCI and the accident prevention regulations of the responsible employers' liability insurance association must be observed. In all other respects, our General Terms and Conditions of Sale and Delivery apply.

#### MODIFIED BY

07.09.2026 – Martin Krull, Head of Laboratory

#### APPROVED BY

07.09.2026 – Stefan Eisenmenger, Product Management