

ROTOR BLADE REPAIR MATERIALS

PROTECTION THAT GIVES BLADES THEIR POWER.

The complete Bergolin range for wind service

From leading edge protection to repair filler and LED fast-curing systems — every material for the maintenance, repair and recoating of rotor blades, nacelles and towers.

OUR RANGE

SEVEN PRODUCT FAMILIES FOR EVERY REPAIR STEP

Whether it's erosion protection on the leading edge, contour repair, or a coating that cures in seconds — this portfolio covers the complete wind service workflow.

01

Leading Edge Protection

2C PU coating for the blade leading edge — maximum erosion resistance, UV stable.

02

Balancing Compound

High-precision, low-shrinkage casting compound for wind turbine blade balancing.

03

Filler/Putty

Temperature-specific 2C fillers for repair and surface finishing, including repair kits.

04

Topcoat

Solvent- and water-based topcoats available in all common RAL colours.

05

LED Curing Products

Resin and filler that cure in seconds under LED light — ideal for on-site repairs.

06

Corrosion Protection

Smart Repair for fast, durable repair of corrosion damage on wind turbines.

07

Adhesion Promoter & Cleaner

Secures adhesion between layers — including on aluminium, PVC and existing coatings.

08

Accessories

Mixing nozzles, cartridge guns and LED curing devices for professional application.

LEADING EDGE PROTECTION

EROSION PROTECTION FOR THE BLADE LEADING EDGE

Three solvent-free 2C polyurethane systems for cartridge application – engineered for maximum erosion resistance over the full service life of the rotor blade.

Bergolin LEP 6D1100

Bergolin LEP 6D2900

Bergolin LEP 6D1100-1

- → Effective erosion protection for long-lasting rotor blade coatings
- → Versatile application thanks to different application methods
- → VOC-free – environmentally friendly in use
- → Solvent-free
- → Resistant to UV radiation, temperature and humidity fluctuations

RAL 7038

RAL 7035



LEP 6D1100 / 6D1100-1

Packaging 400 ml cartridge



Don’t replace the blade. Balance it.



BALANCING COMPOUND

PRECISION IN BALANCING COMPOSITE COMPONENTS

A 2C polyurethane casting compound for balancing and repairing rotor blades — for exact, low-distortion results even with complex geometries.

Bergolin Balancing Compound 2D8000



- → Precise, low-distortion casting thanks to low exothermy and minimal shrinkage
- → High mechanical strength and ageing resistance
- → Excellent adhesion to a variety of substrates
- → Solvent-free — environmentally friendly and low-emission
- → Ideal for industrial applications with high accuracy requirements

Colour beige · **Packaging** 400 ml cartridge

FILLER/PUTTY

THE RIGHT FILLER/PUTTY FOR EVERY TEMPERATURE

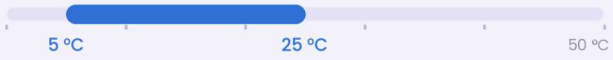
Temperature-specific 2C polyurethane fillers for cartridge application, plus the proven Steodur PUR Putty Repair Kit for the complete repair process.

Bergolin Putty 4D9700-LowTemp

2C filler for cartridge application at 5–25 °C · RAL 7038 · 400 ml cartridge



PROCESSING TEMPERATURE



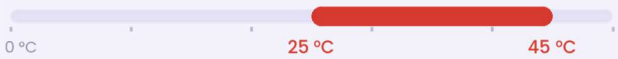
- Specially designed for low processing temperatures
- High elasticity and adhesion even in cold conditions
- Fast drying, short processing time
- Even, durable surfaces

Bergolin Putty 4D9700-HighTemp

2C filler for cartridge application at 25–45 °C · RAL 7038 · 400 ml cartridge



PROCESSING TEMPERATURE



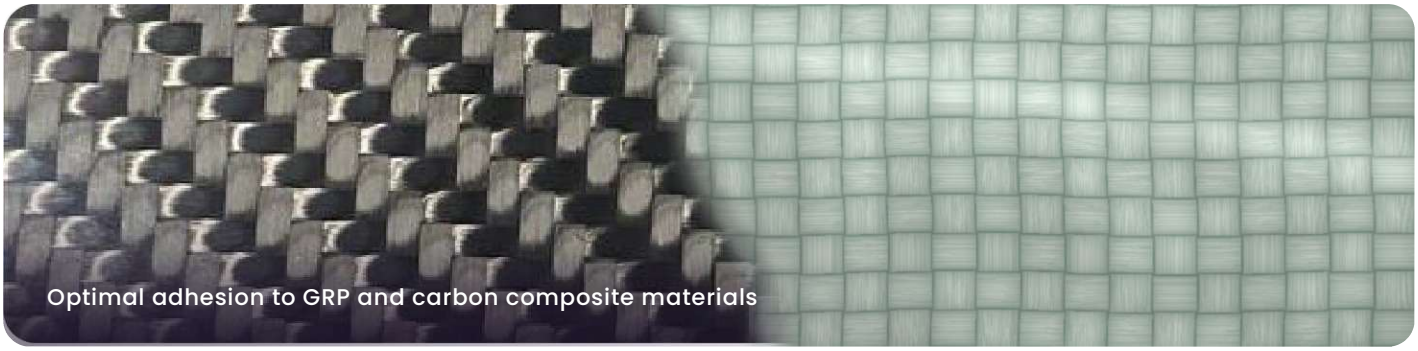
- Solvent-free and near VOC-free
- High elasticity and UV resistance
- Short processing and drying times
- Optimal adhesion to GRP and other composites

Steodur PUR Putty — Repair Kit

Complete set: Steodur PUR Putty 4D980 (RAL 7035) · Steodur PUR hardener 7D202 · Steodur PUR accelerator 6D972-0000 (blue) — available in 4 kg packaging



- Same material benefits as the individual components, now in a matched set
- Easy on-site handling, lower transport costs
- Avoids mixing errors thanks to pre-matched quantities
- Solvent-free, high elasticity and light fastness, adjustable drying time via accelerator ratio



Optimal adhesion to GRP and carbon composite materials

TOPCOAT

FULL-COVER COATING IN EVERY RAL SHADE

From solvent- and water-based 2C topcoats to the water-based 1C system — all variants available in the common wind service colours.

Superplast Topcoat 6D973

2C topcoat, solvent-based · 10 kg / 1 kg



- High mechanical and chemical resistance
- Very good colour and gloss retention over long periods
- Fast-drying — ideal for efficient coating processes
- Flexible application by roller or spray

1-Component Topcoat 6P1600

1C topcoat, water-based · 10 kg / 1 kg



- Very fast drying, water-based — easy to handle – no mixing
- High resistance to mechanical and chemical stress
- Excellent colour and UV resistance for long-lasting surfaces
- Environmentally friendly thanks to low VOC content

Traffic Orange
RAL 2009

Traffic Red
RAL 3020

Light Grey
RAL 7035

Agate Grey
RAL 7038

Pure White
RAL 9010

Traffic White
RAL 9016

Papyrus White
RAL 9018

Colour swatches are an approximation — see the technical data sheet for exact values

Bergolin 2C Aqua X-Life 6D2000

2C PU topcoat, water-based · matt · 20 kg / 1 kg



- Water-based, low VOC
- Very fast drying
- Roller or spray application, easy to handle
- Low isocyanate content — low-emission
- Excellent colour stability
- Very uniform, matt surface



Even, smooth surfaces with long service life

LED CURING PRODUCTS

CURING IN SECONDS, NOT HOURS

2 min.

Curing time of BergoLED Speed-Resin under LED light on-site

BergoLED Speed-Resin 1L1000-O, Outdoor



1-component resin for outdoor GRP repairs with sun protection and UV marker. Cures in 2 minutes under LED light. Packaging: 1 kg.

- → Curing in seconds with LED light — no waiting time
- → Solvent- and VOC-free — environmentally friendly processing
- → Excellent adhesion, high chemical and mechanical resistance

BergoLED Speed-Repair Putty 4L1000



1-component filler for outdoor GRP repairs with UV marker. Packaging: 0.270 kg.

- → Solvent-free and near emission-free
- → Excellent adhesion to epoxy, polyester and metal
- → Very good resistance to mechanical and chemical stress
- → Simple application without mixing errors or processing limits



Precise curing — drop by drop, fully under control

CORROSION PROTECTION

SMART REPAIR AGAINST CORROSION

Bergolin 2C SmartRepair 6D5500

Colour approx. RAL 7035 · 269 g coaxial cartridge

- Solvent- and CMR-free
- Up to 1,000 µm in one coat
- Tack-free in approx. 60 min
- Impact- and abrasion-resistant
- Highest corrosion protection

Typical Applications

Trowellable 2C polyaspartic coating for durable repairs of coating and corrosion damage on steel, zinc/aluminium and stainless steel.

- Cures even under water — slip-resistant finish possible with broadcast material
- Brush, roller or trowel — cartridge with static mixer

APPLICATION AREAS

Wind turbines

Hydraulic steel structures



Offshore structures

Repair & refurbishment


Repair of corrosion damage on steel


For onshore and offshore structures

ADHESION PROMOTER, CLEANER & ACCESSORIES

THE FOUNDATION FOR A LASTING BOND

Bergolin 2K PUR Adhesion Promoter 3D203

Colour yellow · 0.9 kg



- Very good adhesion to various metallic and plastic substrates
- Fast-drying — short process times
- Easy application by roller or brush
- High compatibility with various topcoats

Complementary Products

Superdur Thinner 5D402 · 10 l

- Fast thinner for adjusting the processing viscosity of solvent-based Bergolin coatings
- Cleaning of tools and application equipment

ACCESSORIES

Static mixing nozzle

Hand dispensing gun for 2K cartridges

LED curing device, 230 volt

UV-Gun battery — LED light for UV curing



Precision accessories for clean, professional application

CONTACT

QUESTIONS ABOUT THE PORTFOLIO?

ADDRESS

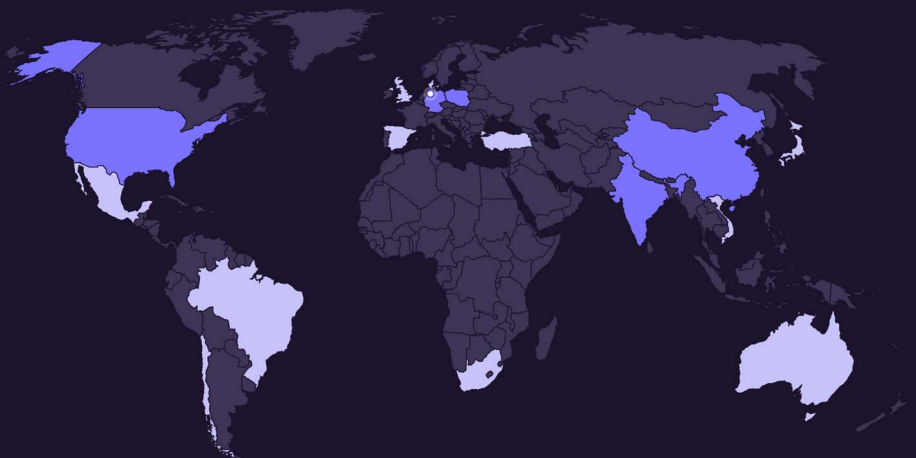
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Technical data sheets and safety data sheets for all products are available on our website. Further products from our wind power range for repair and OEM applications available on request. · Portfolio 2026 edition

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