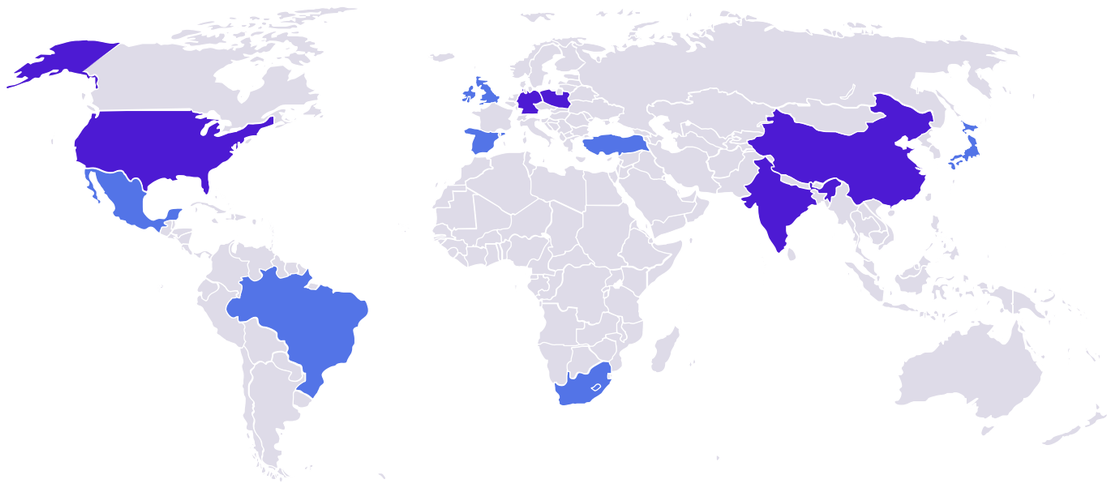
PROTECTING YOUR PERFORMANCE



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BERGOLIN

BERGOLIN



Coprenal 1000

Smart coating for modern infrastructure

PROTECTING YOUR PERFORMANCE

Coprenal 1000

Maximum protection
Minimal environmental footprint

BAW-approved for area Im 1

More than 25 years of corrosion protection

Ultra-low VOC content

Coprenal 1000 is a next-generation **solvent-free 2K epoxy coating** for hydraulic steel structures. It delivers exceptional corrosion protection, is easy to apply, and **dramatically reduces VOC emissions**, supporting more sustainable infrastructure.

Designed for performance & sustainability

With **99.75%** solids content and nearly zero solvents, Coprenal 1000 redefines steel protection. It significantly reduces your project's **CO_2 footprint** while delivering industry-leading durability.

Coprenal 1000 adheres even to rough or lightly rusted steel, resists abrasion, and cures underwater.

Up to 99% less VOC - for 10,000 m² of sustainable success*



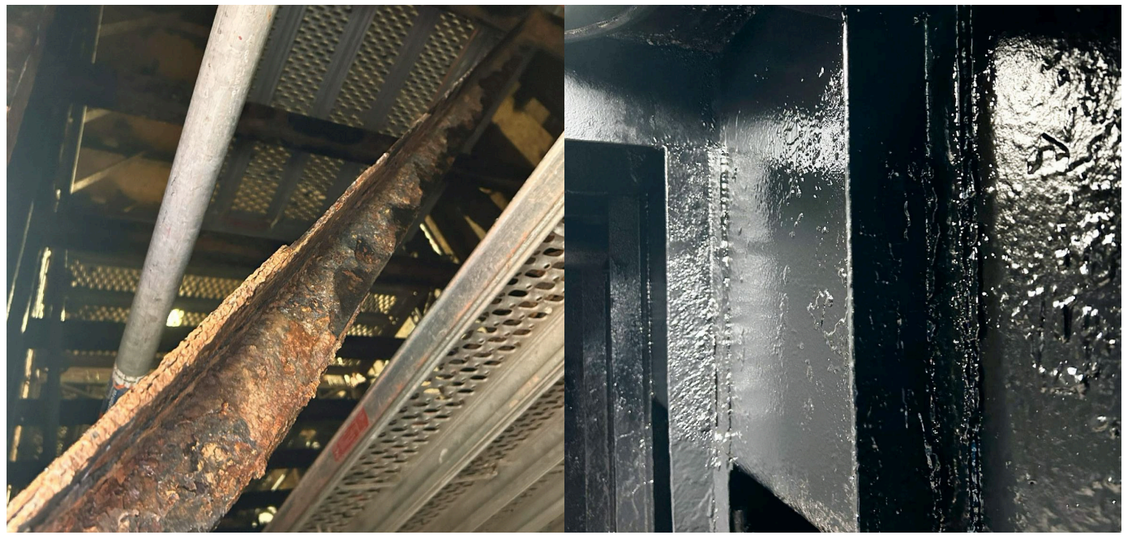
* Calculated for a 10,000 m² hydraulic steel project using real-world coating data

Technical specifications

Solids content	99.75 %
VOC content	Ultra-low – approx. 5 g/l
Corrosion protection	more than 25 years – C5-VH at 500 µm DFT
Adhesion	Excellent – even on poorly prepared substrates with residual rust
Abrasion resistance	Highly resistant (according to BAW test standard)
Carbamate formation	Very low
Curing capability	Chemical curing – even underwater
Application methods	Brushing, rolling, 1K airless
Drying time	Short – two working steps possible in one day
Repair solution available	Spot repair with itself or Bergolin 2C SmartRepair
Approvals	BAW approval for area Im 1 (System No. 5, equivalent to System 3/4)

Successful in Practice

A Project with Coprenal 1000



Scope

26,000 m²
of steel surface

2 × 200 µm
coating system

~30 tonnes
total material used

Substrate preparation via mechanical derusting + high-pressure water jetting

Outcome

- ✓ Smooth application using a **1K airless system**
- ✓ Applicator **highly satisfied**
- ✓ Client convinced by **outstanding cost-performance ratio**
- ✓ **4800 kg** less VOC compared to conventional 1K PU
- ✓ **1200 kg** less VOC compared to conventional 2K EP

BAW standard

Coprenal 1000 holds the BAW approval for area Im 1 and is listed as System No. 5 – when applied in multiple passes, it is equivalent to Systems No. 3/4.

Low VOC

Coprenal 1000 cuts VOCs, improving environmental conditions and reliably meeting future eco standards.

Longevity

Long-term protection reduces the need for frequent recoating and repairs, saving resources and downtime.