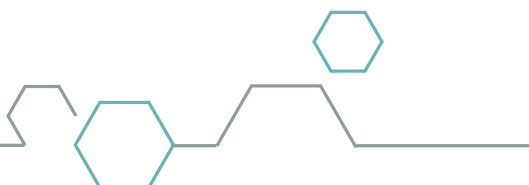


Anticorrosion System NEOTEC® AC



Description

Neotec AC anticorrosion powder coating systems offer outstanding durability and are based on the low-bake, Zinc-Free NEOKEM Epoxy Primer E20/PR and all outdoor NEOKEM topcoats.

A. Qualisteelcoat & QIB approved Systems

- C4-H Corrosivity Category for Zinc Phosphated and Grit or Shot blasted steel substrates.
- C5-H Corrosivity Category for Hot-Dip Galvanized (HDG) substrates.
- Based on the Zinc-Free formula of E20/PR and all Qualicoat Class 1 approved Neokem topcoats, **Neotec AC** corrosion protection systems ensure the ultimate corrosion protection, end-product life cycle and environmental responsibility.
- All Qualicoat benefits, using Qualicoat approved Neokem topcoats.

Fields of use

- Transportation
- Architectural metallic structures
- Bridge elements
- Agricultural equipment
- Fences



General Features

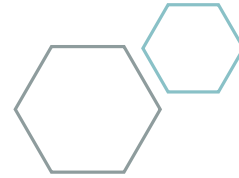
- **Environment friendly.** Zinc-Free – No VOCs
- **Economy.** 34% more m² / Kg *
- **Excellent anticorrosion efficiency**
- **Excellent performance and protection**
- **Easy application.** Better transfer efficiency *
- **Better coverage of difficult areas**
- **Less wear on equipment.** Less abrasive powder *
- **Superior durability**
- **Improved productivity.** Fast Curing, less cost –especially in large and heavy parts
- **Less energy consumption – Lower temperature curing, starting from 10' at 140 °C**
- **Very good storage stability**

Substrates

- Steel, Zinc Phosphated
- Steel, Grit or Shot blasted
- Hot-Dip Galvanized (HDG)



*Compared to Zinc-Rich primers

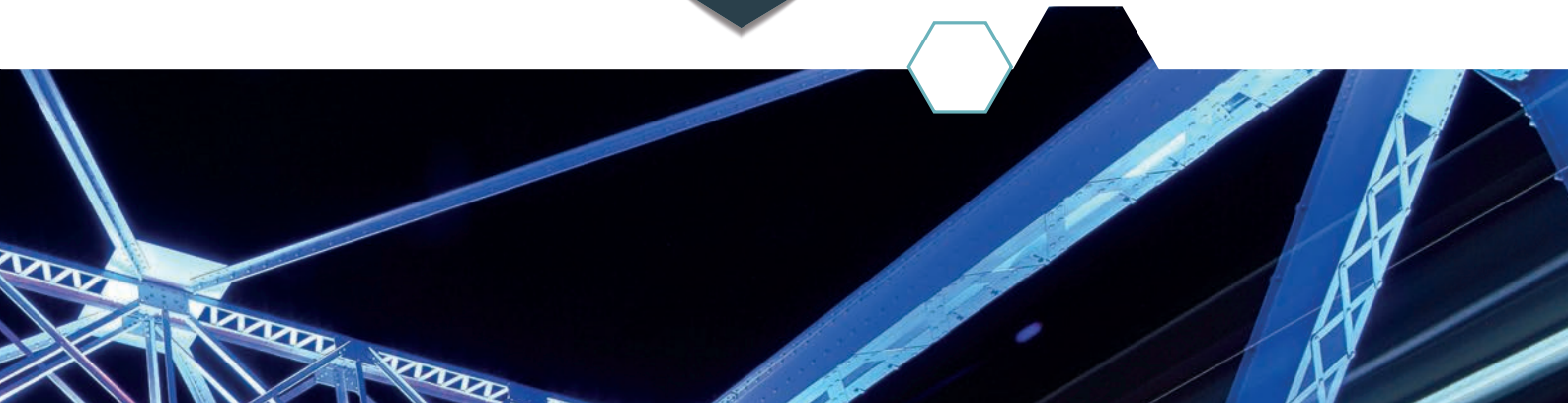


B. Industrial Systems

- Excellent corrosion protection with all outdoor industrial Neokem topcoats.
- Anticorrosive powder coating systems Neotec AC, provide the highest corrosion protection even under aggressive environments C5 according to ISO 12944, when used on a HDG steel surface preparation, or C4 environments for Zinc Phosphated and Grit or Shot blasted steel substrates.

Fields of use

- Industrial Machinery
- Agricultural equipment
- Fences
- Transportation
- Electrical Panels



Targeted Durability According to ISO 12944 Corrosivity Categories															
Substrate	Surface preparation	Coating microns		C2			C3			C4			C5		
		E 20/PR	T.C.	L	M	H	L	M	H	L	M	H	L	M	H
Steel	1	70-100	80	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Steel	2	70-100	80	✓	✓	✓	✓	✓	✓	✓	✓	✓			
HDG	3	70-120	80	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

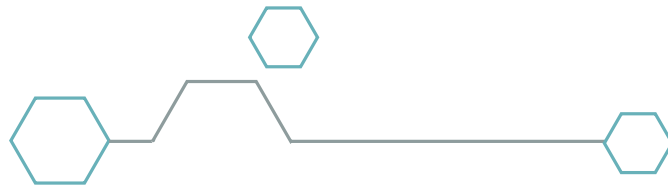
Remove rust, scale, grease, oil, dust etc.

1. Zinc Phosphating plus passivation Qualisteelcoat Appr. No.: PE-0079, QIB-0034

2. Grit or Shot blast: Sa 2 ½ (ISO 8501-1), Surface Roughness: 50-80 µ, Qualisteelcoat Appr. No.: PE-0080, QIB-0035

3. Sweeping of zinc substrate in accordance with EN 15773, loss not more than 10% of the zinc layer thickness Qualisteelcoat Appr. No.: PE-0087, QIB-0041





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