



Drylac®
Powder Coatings

Pulverlack-Korrosionsschutz-Primer Powder Coating Corrosion Protection Primer



Dauerhafter Korrosionsschutz
Long-lasting corrosion protection

2-Schichtsystem | dual layer system

TIGER-SHIELD



ca./approx. RAL 7032

TIGER Drylac® 270/70158 | GL/FTM
 TIGER Drylac® 271/70003 | GL/GL
 TIGER Drylac® 273/70001 | GL/SGL



ca./approx. RAL 7042

TIGER Drylac® 270/70400 | GL/FTM
 TIGER Drylac® 270/70338 | GL/FTM
 TIGER Drylac® 271/70100 | GL/GL
 TIGER Drylac® 272/70855 | GL/GL



Stahl ist der meistverwendete metallische Werkstoff und kommt überall dort zum Einsatz, wo es um Stärke und Robustheit geht. Denn Stahl hält viel aus – aber nicht alles. Korrosion kann Stahloberflächen zerfressen und um 200 µm pro Jahr abbauen. Mit dem TIGER-SHIELD hat TIGER Coatings ein System entwickelt, das Stahl und verzinkte Untergründe dauerhaft vor Korrosion schützt.

Steel is the most frequently used metal and is used whenever strength and durability are required. Steel can withstand a lot – but not everything. Corrosion can degrade steel surfaces by up to 200 µm per year. With TIGER-SHIELD, TIGER Coatings has developed a system that provides lasting protection for steel and galvanized substrates.

Zertifikate | Certificates

Deckbeschichtung:
Top coat:

Ausgewählte 2-Schicht-Aufbauten:
Selected dual layer systems:

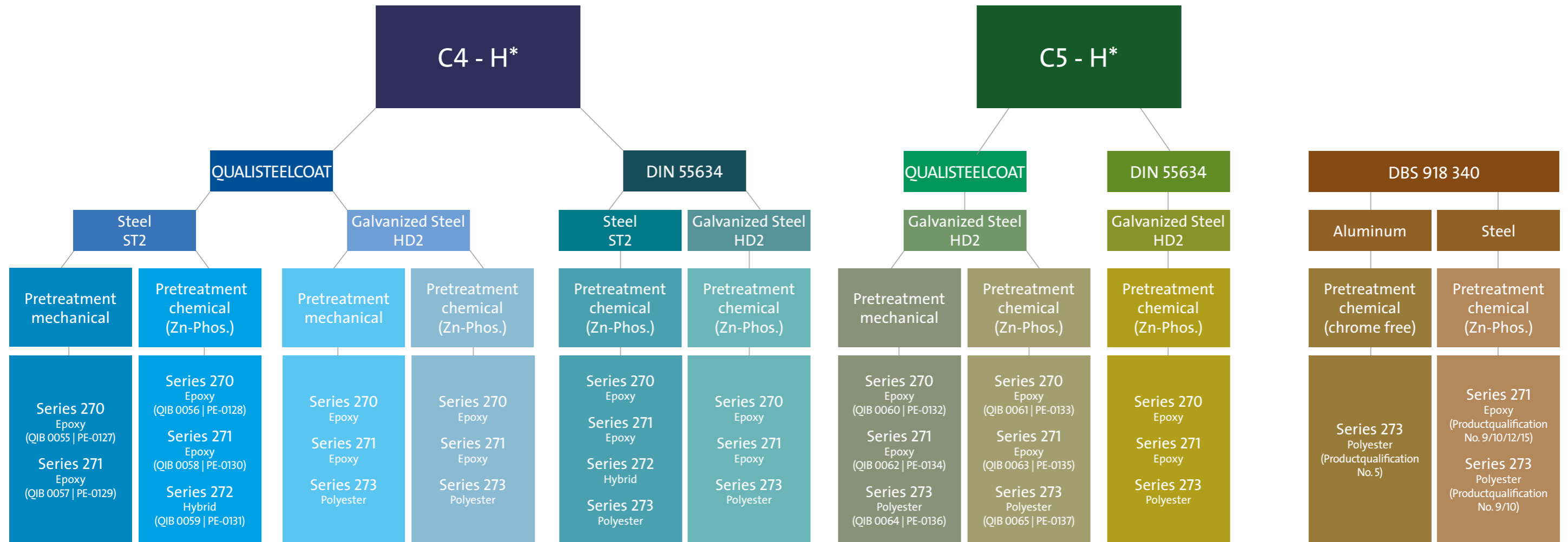
Zertifizierung des Management-Systems:
Certification of Management System:



ISO 9001 | ISO 14001 | IATF 16949 | DBS 918 340



Scan me!



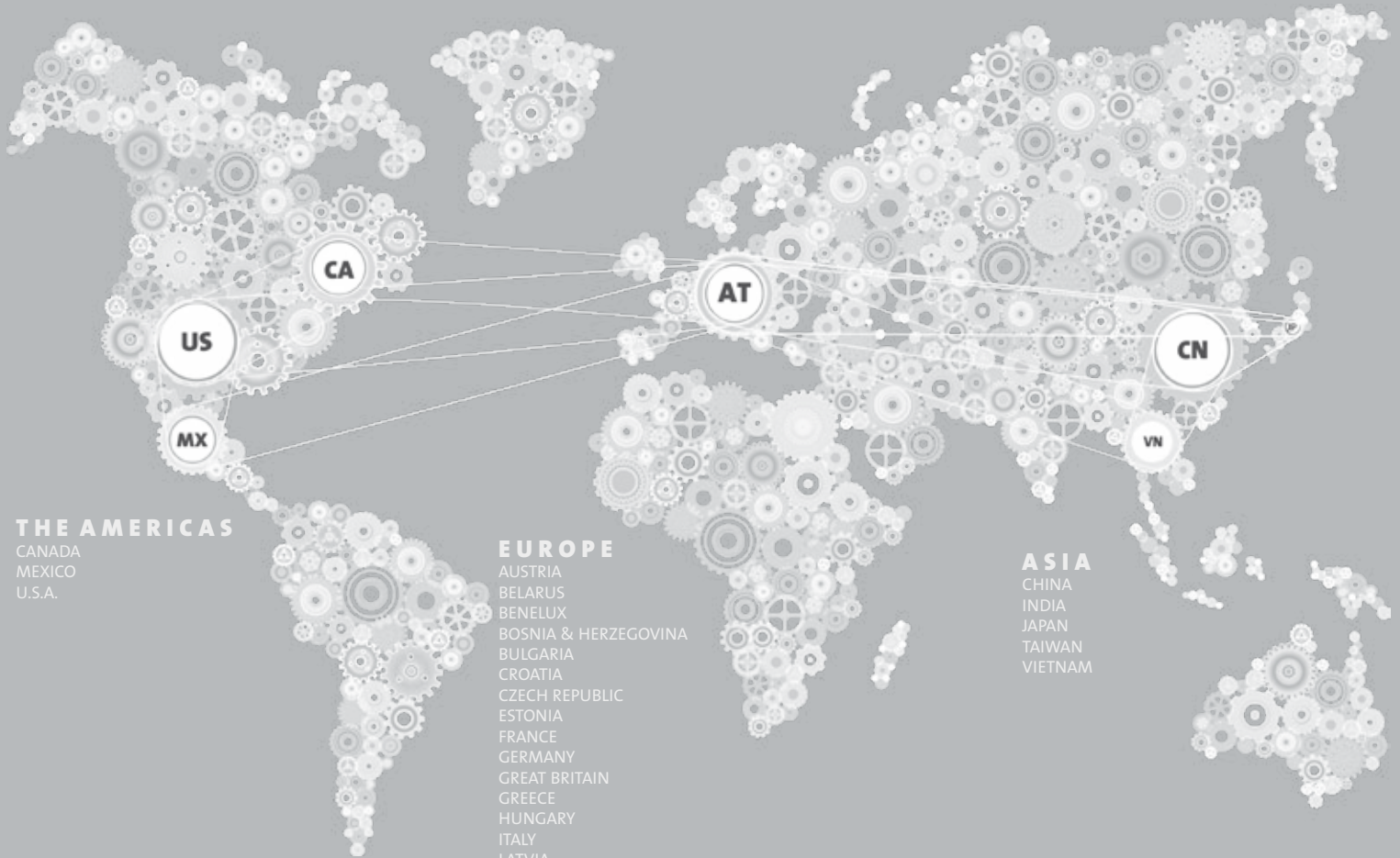
| TIGER Drylac® Primer | TIGER Drylac® Product-ID | Color | Chemistry | Features | Substrate | Gloss | Cure parameters |
|----------------------|--------------------------|------------------|-----------|---|------------------|--------------------------|--|
| Series 270 | 270/70158 | RAL 7032 | Epoxy | outgassing friendly, very good edge coverage | Steel + Aluminum | smooth <i>flat matte</i> | 160 °C / 30 min – 180 °C / 15 min – 200 °C / 8 min |
| | 270/70400 | approx. RAL 7042 | | highly outgassing forgiving, very good edge coverage | | | |
| | 270/70338 | approx. RAL 7042 | | | | | |
| Series 271 | 271/70100 | approx. RAL 7042 | Epoxy | low temperature, very good edge coverage | Steel | smooth <i>glossy</i> | 140 °C / 30 min – 160 °C / 15 min – 200 °C / 5 min |
| | 271/70003 | RAL 7032 | | | | | |
| Series 272 | 272/70855 | approx. RAL 7042 | Hybrid | outgassing friendly, excellent flow, good edge coverage | Steel + Aluminum | smooth <i>glossy</i> | 160 °C / 30 min – 180 °C / 15 min – 200 °C / 8 min |
| Series 273 | 273/70001 | approx. RAL 7032 | Polyester | UV stable, very good edge coverage | Steel + Aluminum | smooth <i>semi gloss</i> | 160 °C / 30 min – 180 °C / 15 min – 200 °C / 8 min |

| Corrosivity category according to DIN EN ISO 12944-2 | Neutral salt spray test / h** | Examples for ambient conditions | |
|--|-------------------------------|--|---|
| | | Exterior | Interior |
| C1 - very low | – | n/a | Heated buildings with clean atmosphere. |
| C2 - low | 240 h | Outdoor areas without heavy pollution. | Unheated buildings. |
| C3 - medium | 480 h | Outdoor areas with medium SO ₂ load and coastal regions with low salinity. | Production building with high humidity and some contamination. |
| C4 - high | 720 h | Industrial areas and coastal regions with medium salt content. | Chemical plants, swimming pools and ports. |
| C5 - very high | 1.440 h | Industrial areas with aggressive atmosphere and high humidity. Coastal regions with high salinity. | Buildings with continuous condensation and polluted atmosphere. |

Abbreviation
 ST2 Steel; 2 powder coating layers
 HD2 Hot-dip galvanized steel; 2 powder coating layers
 DBS 918 340 Deutsche Bahn Standard

* Certificates for C5 - H are valid for C4 - H as well.
 ** Standard durability range according to DIN EN ISO 12944-1: high (H) – 15 to 25 years (for all corrosivity categories)
 Source bottom table: Qualisteelcoat Technical Specification Version 4.1-January 2019 page 6 | <http://qualisteelcoat.it/wp-content/uploads/2018/05/QUALISTEELCOAT-Version-4.1.pdf>

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