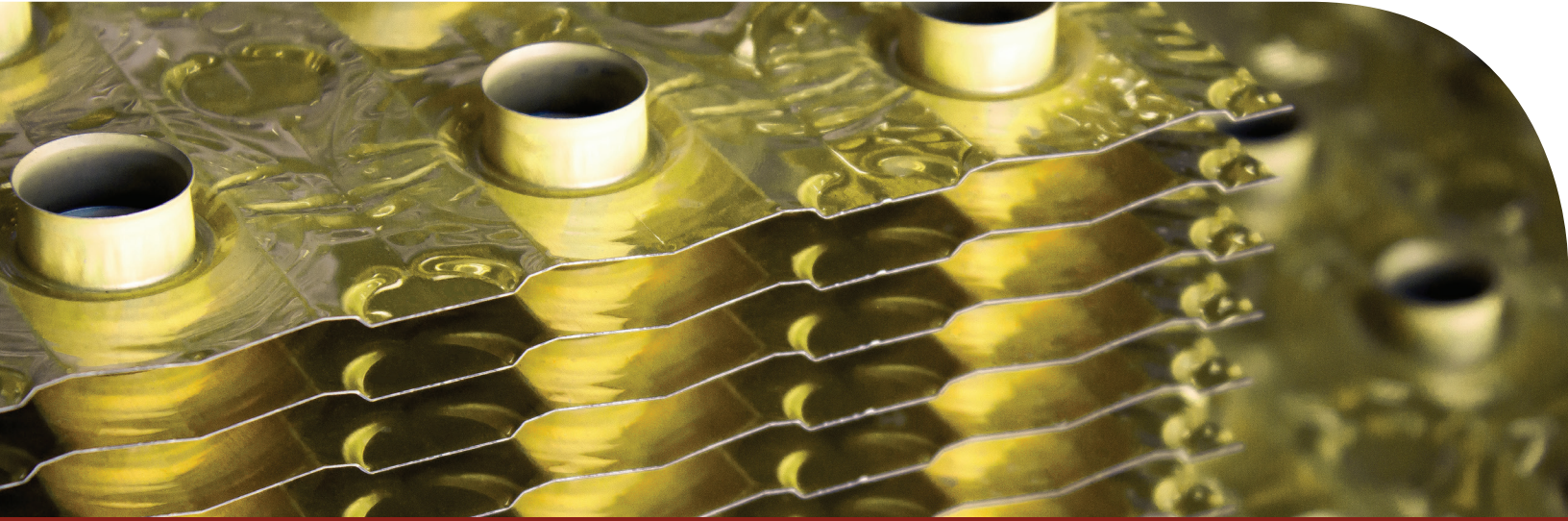


EPOXY COATED FINS

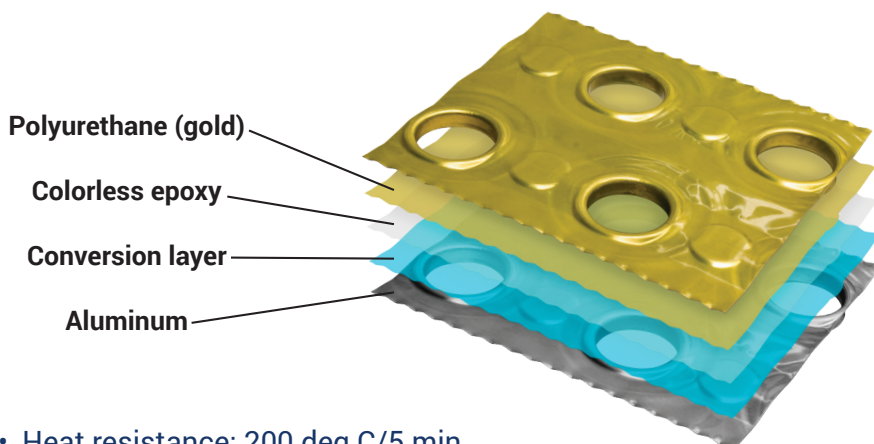


BACKGROUND

The service life of a finned heat exchanger depends on the concentration of the substances in the surrounding environment. The use of epoxy resin coated aluminum fins improves corrosion resistance and extends the life of the heat exchanger.

SPECIFICATIONS

- The coating system (EPPU) consists of the base aluminum alloy prepared with a chemical conversion layer coated with a colorless epoxy layer and a final polyurethane top coating.

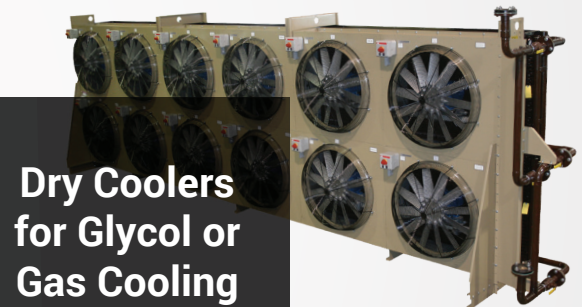


- Heat resistance: 200 deg C/5 min
- Solvent resistance: Trichlorethylene (85 deg C/5 min), Perchlorethylene (120 deg C/30 min)
- Salt spray test (ASTM B117): >1,000 h
- Kesternich test (ISO 3231): > 15 cycles
- Humidity test (DIN 50017): No degradation, no corrosion
- UV resistance (ASTM G154): OK

BENEFITS

- Over 300% more resistant to corrosion than bare aluminum fins
- High thermal conductivity with negligible impact on heat transfer
- Flexible - will not peel, crack or chip
- Highly resistant to abrasion
- Fin collar heights of up to 1/2" (2 fpi)
- Coating does not support growth of micro-organisms
- This product can be used on any Colmac plate fin coil product in any environment. The coating system is corrosion and UV resistant.

Selection of the epoxy resin coated aluminum fins is simple and easy using Colmac Coil selection software.



www.colmaccoil.com

"The Heat Transfer Experts"

North American Headquarters

Colmac Coil Manufacturing, Inc.
370 N. Lincoln St. | P.O. Box 571
Colville, WA 99114 | USA
+1.509.684.2595 | +1.800.845.6778

Midwest US Manufacturing

Colmac Coil Midwest
350 Baltimore Dr. | Paxton, IL 60957 | USA



CRN



CSA

CE(PED) Certification, ASME Sec. VIII,
Canadian Registration Number, UL508, Canadian Standards Association