



bluChem
Anti-Corrosion Coatings

BluGuard™ Coating Solutions

Total Corrosion Protection for HVAC/R Systems

PANEL PROTECTION - PRODUCT INFORMATION

BluGuard™ Panel Protection is a high performance coating for panels, cabinetry and all other components, other than the heat exchange coils, for HVAC/R equipment. An external clear coat is applied and offers protection for units located in close proximity to the ocean, in highly industrialised areas, or in any other severe environmental conditions. This hybrid coating is based on polyurethane / siloxane resin and is modified with epoxy / acrylic additives. The coating has excellent gloss retention, durability and chemical resistance. It can be applied on top of factory powder coating as well as corroded surfaces. The smooth finish rejects chemical deposits, dust and dirt, and promotes easy cleaning.

A Marine option is available whereby the panels and cabinetry first receive two coats of epoxy based mastic primer, and then a coat of tinted BluGuard™ Panel Protection is applied. This option is used in the coastal industrialised areas of the Middle East and has proven to be highly successful with zero failures.

We offer a 2 year conditional warranty on coated panels.

Benefits

- ❖ Increases life cycle of HVAC/R equipment
- ❖ Resists corrosion, moisture and UV rays
- ❖ Value for money
- ❖ Continuous European R & D support

Advantages of the BluGuard™ Coatings

- ❖ Unmatched technical performance
- ❖ Clear coat does not alter original factory colour
- ❖ Quick drying for short lead times



SPECIFICATIONS FOR PANEL PROTECTION

General

1. Corrosion resistance is tested and has passed the highest standard salt spray test.
2. Application must meet the requirements for factory and field application.
3. Flexibility to be proven over time, to ensure contraction of metal is not resulting in a loss of adhesion.
4. Smooth and glossy finish for easy cleaning.

Product Requirements

1. Chemical resistance list to be provided.
2. The flexibility of the binding over time to be guaranteed by the supplier.
3. The application shall adhere to the following surfaces:
 - Factory Powder Coat • Steel • Galvanized Steel
 - Aluminium • Old Paint Layers • Rusty Surfaces
4. Supplier has specifications of pretreatment and primers.
5. Product is factory and field applicable.
6. Supplier to be ISO 9000 certified to ensure product quality consistency.
7. The coating must be UV resistant.

CAPE TOWN (Head Office)

8 Staal Street, Brackenfell,
7535

Tel +27 (0) 21 982 1409

info@bluChem.co.za

DURBAN

Unit 4, 3 Kyalami Rd,
Westmead 3630

Tel +27 (0) 31 700 5052

durban@bluChem.co.za

PORT ELIZABETH

Unit 5, Leadwood Crescent,
Lorraine, 6055

Tel +27 (0) 41 368 5203

portelizabeth@bluChem.co.za

JOHANNESBURG

Unit 2, 20 Plantation Rd,
Eastleigh, 7535

Tel +27 (0) 11 609 8842

jhb@bluChem.co.za