



## PPG LABORATORY TEST RESULTS CERTIFICATION CYCLIC SALT SPRAY

PPG Industries, Inc. certifies the following performance properties for the Duranar® Coil Coating System when applied and baked on properly cleaned and pretreated substrates, according to PPG specifications:

**COATING:** DURANAR XL PLUS

**TEST:** ASTM D5894 – Cyclic Salt Spray (Fog) and ASTM D4587 - UV Exposure Testing  
ASTM D1654 - Evaluation of Painted Specimens Subjected to Corrosive Environments  
ASTM D714 - Evaluating Degree of Blistering of Paints  
ASTM D3359 - Measuring Adhesion by Tape Test

**SPECIFICATION:** Coated panels are subjected to alternating weeks of Cyclic Salt Fog/Dry and UV/Condensation exposure. The Salt Fog Cabinet runs a cycle of 1-hr. fog at ambient temperature and 1-hr. dry-off at 35C. The fog electrolyte is a solution of 0.05% sodium chloride and 0.35% ammonium sulfate. The UV exposure cabinet is a fluorescent UV using UVA-340 lamps.

**RESULTS:** After 2016 total hours exposure, HDG steel panels will be rated at 6 minimum, less than 1/8" creepage from scribe and rated as no activity up to Few #8 blisters on the face of the panel.

Aluminum panels will exhibit less than 1/16" creepage from scribe with no activity, up to a Few #8 blisters on the face.

Note: Test results are dependent on the paint system, the quality of the substrate and the pretreatment quality/quantity.

May 29, 2008