



Axalta™ Coating Systems

Certification to CSA Z245.20-14 System

**Nap-Gard Product -
Anticorrosion Base Coat Layer:**

**Nap-Gard Product -
Top coat Layer**

Product:

Lot Number:

Manufacturing site:

Date Manufactured:

*This certification is valid from:
to:*

The above described Top Coat Layer product has been tested in accordance with clauses 5.2.2 & 6.1.3 and is compatible with the requirements of clause 7.3.1 of CSA Z245.20 - 14. Clause 6.1.3 requires that the anti-corrosion layer be qualified to Table 2 to be used for systems 2A, 2B, 2C, and 3. A certificate will be attached for the anti-corrosion layer to validate it's conformance to Tables 1 and 2. An additional Certificate may be attached to certify a system using a different anti-corrosion layer than list on this Certificate. The results on the following pages show that these products have met the stated CSA requirements since all testing have passed.

Certified by:

Title:

Date Certified:





Axalta™ Coating Systems

TABLE 5: Epoxy Powder Properties for Top Coat Layer[†]

Test	Date	Test Method	Acceptance Criteria	Results
Cure Time		12.1		
Gel Time		12.2		
Moisture		12.4.2 Procedure B	≤ %	
Particle Size		12.5	≤ @ 150 μm	
			≤ @ 250 μm	
Density		12.6.2.3 Procedure B 1305 Micrometrics He Pycnometer	± g/L	g/L
Thermal Characteristics DSC Q100		12.7 TA Instruments (DSC Q100)	Tg1 ± °C	°C
			Tg2 ± °C	°C
			ΔH ± J/g	J/g

[†] This table reflects the powder properties for _____, lot No. _____

WARRANTY POLICY: Axalta Powder Coating Systems USA, Inc. (“Seller”) certifies that all coatings delivered to Customer in unopened factory filled containers meet all pertinent quality standards presented in Seller’s current published literature. Since matters of surface preparation, application procedures, curing procedures and other local factors that affect coating performance are beyond Seller’s control, Seller assumes no liability for coating failure other than to supply replacement material for coating material proven to be defective. Customer will determine suitability of this product for its use and thereby assumes all risks and liabilities in connection therewith. Seller will not be liable for any injuries, damages or other losses derived, directly or indirectly, from or as a consequence of Customer’s use of the product. **SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING TO ITS PRODUCTS AND THEIR APPLICATION, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES.**

© 2013 Axalta Coating Systems, LLC and all affiliates. All rights reserved. Nap-Gard® is a registered trademark owned by Axalta Coating Systems, LLC and all affiliates





Axalta™ Coating Systems

Pre-qualification of _____ lot number _____, the Top Coat Layer, using
lot number _____ as the Anti-corrosion Layer for testing.

TABLE 6: Coating Pre-Qualification Tests for System

Test	Test Method	Acceptance Criteria	No. of Tests	Date of Test	Results
Cross-section Porosity ^{††}	12.10	1 - 4 rating	3		:
Interface Porosity [*]	12.10	1 - 4 rating	3		:
2.0° Flexibility @ -30°C	12.11	No cracking	5		
3.0 J Impact [‡]	12.12	No holidays	3		
1.5° Strained Cathodic Dis.; 28 days, 23°C	12.13	No cracking	3		
Thermal Characteristics TA Instruments (DSC Q100)	12.7	(Cure)* $\Delta T_g < \quad ^\circ\text{C}$	3		$^\circ\text{C}$
		Tg 3 $\pm \quad ^\circ\text{C}$	3		$^\circ\text{C}$
		Tg 4 $\pm \quad ^\circ\text{C}$	3		$^\circ\text{C}$
		$\Delta H1 < \quad \text{J/g}$	3		J/g
Surface roughness [§]	12.16	>50 μm peak to trough	3		μm

* Test to be completed on the inner layer of the coating system.

†† For individual layers of a multi-layer coating system except anti-slip overcoat.

‡ For all multi-layer coating systems, except anti-corrosion coating with anti-slip overcoat, use 1.5J.

§ Surface roughness for anti-slip overcoat systems only.

WARRANTY POLICY: Axalta Powder Coating Systems USA, Inc. (“Seller”) certifies that all coatings delivered to Customer in unopened factory filled containers meet all pertinent quality standards presented in Seller’s current published literature. Since matters of surface preparation, application procedures, curing procedures and other local factors that affect coating performance are beyond Seller’s control, Seller assumes no liability for coating failure other than to supply replacement material for coating material proven to be defective. Customer will determine suitability of this product for its use and thereby assumes all risks and liabilities in connection therewith. Seller will not be liable for any injuries, damages or other losses derived, directly or indirectly, from or as a consequence of Customer’s use of the product. **SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING TO ITS PRODUCTS AND THEIR APPLICATION, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES.**

© 2013 Axalta Coating Systems, LLC and all affiliates. All rights reserved. Nap-Gard® is a registered trademark owned by Axalta Coating Systems, LLC and all affiliates

