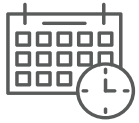


# Carboguard® 904

Carboguard 904 is a very-high solids, amine-cured epoxy for single-coat direct-to-metal (DTM) application to rail car exteriors. Carboguard 904 meets ISO 12944 “C4 High” criteria, offering 15-20 years of performance before first maintenance in industrial areas and coastal environments of moderate salinity.



## Go further with high solids, thin film

At 98% solids and applied in a single coat of 4-8 mils, Carboguard 904 boosts production efficiency as applicators work faster and use less material.



## Achieve sustainability goals

Carboguard 904 contains just 0.17 lbs/gal (21 g/l) of VOC, less than half the hazardous content of poorer-performing water-based acrylics.

## COMPREHENSIVE SUSTAINABILITY ASSESSMENT

Reducing environmental impact and improving workforce safety are critical for high-volume coating buyers. Use the following comparison of Carboguard 904 against a generic water-based acrylic to make the most informed sustainability-driven material selection decision.

	Carboguard 904 DTM epoxy	Water-based acrylic
% solids	<b>98</b>	38
VOC contents	<b>0.17 lbs/gal (20.4 g/l)</b>	0.55 lbs/gal (65.9 g/l)
Volume used/1,000 car* file	<b>51,500 gallons (194,949 liters)</b>	133,000 (503,460 liters)
VOCs/1,000 car file	<b>8,755 lbs (3,971 kg)</b>	73,150 (33,180 kg)
Truckloads** delivered	<b>19.1</b>	49.2
Application labor hours/car	<b>6 (single coat)</b>	12 (two coats)

\*Standard autoracks were used for this comparison.

\*\*Carboguard 904 truckload = 2,700 gallons (10,221 liters). Water-based acrylic truckload = 3,850 gallons (14,574 liters).



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