

PPG Laboratory Test Results Certification

T-bend Flexibility

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:

Coatings:	DURANAR
Test:	ASTM D-4145 - Standard Test Method for Coating Flexibility of Prepainted Metal.
Specification:	Place the test panel in a vise with the painted metal at least 2 in. (50 mm) extended outside the vise. Using a steady pressure of the fingers, bend the panel approximately 110° around the edge of the vise in 1.5s. Remove and re-insert into vise and close to crimp metal against itself with moderate pressure. Repeat until required T-bend is achieved. Remove and examine immediately for cracking visible to the unaided eye and tape with 3M #610 tape.
Result:	No tape removal of a standard 2-coat DURANAR® at 1T-bend for aluminum and 2T for HDG & aluminum-zinc alloy steel substrates. These results are dependent on substrate composition and coating thickness.

