



## ASTM B-137

### Test Method for Measurement of Coating Mass Per Unit Area on Anodically Coated Aluminum

This test method covers determination of the mass per unit area of coating on anodically coated aluminum and its alloys. It is a destructive test procedure suitable for quality control within manufacturing operations for coating mass on anodically coated aluminum and aluminum alloys. The mass of the coating is an approximation of its thickness provided the conditions under which the coating was applied or the density of the coating, are known. An anodic coating's protective value and amenability to coloring by dying or electrolytic methods are related to mass of coating per unit. The precision for the test method is most affected by the precision of the measurement of the test area. When performed by properly instructed personnel, the method is capable of yielding results with an uncertainty of less than 10% over a significant range of coating weights.

If you have any questions concerning this particular ASTM method, please feel free to give our office a call at (800) 334-5432 or email us your inquiry at [info@nhml.com](mailto:info@nhml.com).

**(B137, B-137, B 137)**

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New Hampshire Materials Laboratory, Inc  
[www.nhml.com](http://www.nhml.com) • [info@nhml.com](mailto:info@nhml.com)  
Tel: 800-334-5432 or 603-692-4110 • Fax: 603-692-4008