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## AS 2331.1.7-2006 (R2017) Methods of test for metallic and related coatings - Local thickness tests - Measurement of dry film thickness of thin coating systems particularly by coil coated products by destructive means using a boring device

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Abbreviation  
AS 2331.1.7-2006  
Valid from  
14/08/2006

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Information provider  
SAI Global  
Author  
Standards Australia  
Information type  
Australian Standard  
Format  
PDF

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### Description

This standard specifies a method for determining the measurement of dry film thickness, of coating films by microscopic observation and of a precision-cut shallow-angle crater in the coating film.

The substrate may be any rigid, metallic material, for example, cold-rolled steel, hot-dip galvanized steel, aluminium, etc. The substrate should be planar.

### Scope

NOTE: Variations in the surface profile of the substrate may result in non-representative organic coating thickness readings. This condition may exist over substrates such as hot-dip, coated steel sheet. This is true of all precision cut methods that are used to determine dry film thickness of organic coatings.

This method is only valid for coating thicknesses between 0 to 90 m, for measurements of films greater than 90 m but less than 1575 m, a 45 borer may be used in accordance with this test method.

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