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## AS 2331.4.7-2006 (R2017) Methods of test for metallic and related coatings - Method 4.7: Physical tests - Resistance to scratching

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Abbreviation

AS 2331.4.7-2006

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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Cited By

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### Description

This Standard specifies a method for determining the resistance of an organic coating on a metallic substrate to penetration by scratching with a needle.

### Scope

On soft materials such as aluminium alloys and thin gauge steels substrates below 0.4 mm the needle may deform the substrate rather than scratch the surface. If the substrate is deformed then this test is not valid.

Soft coatings such as polyvinylchloride (PVC) and structured coatings may not give precise results due to the soft nature of the coating and/or the potential for the needle to snag. This method is not applicable to conductive coatings.

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