
**Anodizing of aluminium and its
alloys — Estimation of loss of
absorptive power of anodic oxidation
coatings after sealing — Dye-spot test
with prior acid treatment**

*Anodisation de l'aluminium et de ses alliages — Appréciation de la
perte du pouvoir absorbant des couches anodiques après colmatage
— Essai à la goutte de colorant après traitement acide*

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Foreword

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This document was prepared by Technical Committee ISO/TC 79, *Light metals and their alloys*, Subcommittee SC 2, *Organic and anodic oxidation coatings on aluminium*.

This third edition cancels and replaces the second edition (ISO 2143:2010), which has been technically revised.

The main changes compared to the previous edition are as follows:

- information on the test specimen has been added;
- the immersion method has been added.

Introduction

The resistance of anodic oxidation coatings to the absorption of dyes gives information on the quality of sealing, the total resistance indicating whether the quality of sealing is good.

The correlation of the results obtained with those of other tests that can assess sealing quality, such as that of ISO 2931, can be affected by the presence of certain agents having been added to the sealing bath. For this reason, the quality is checked from time to time by one of the reference acid-dissolution methods specified in ISO 3210.

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