

# ISO 18771:2019 (E)

## Anodizing of aluminium and its alloys — Method to test the surface abrasion resistance using glass-coated abrasive paper

---

### Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Apparatus
6	Procedure
6.1	Test specimen
6.2	Method 1
6.3	Method 2
7	Test report
Annex A	(normative) Method of validating glass-coated abrasive paper used for the surface abrasion test by applying tests with standard specimens of anodized aluminium
A.1	General
A.2	Principle
A.3	Preparation of standard specimens
A.3.1	General
A.3.2	Standard specimen that is more wear resistant than acceptable glass-coated abrasive paper
A.3.2.1	Aluminium specimen
A.3.2.2	Pretreatment
A.3.2.3	Anodizing
A.3.2.4	Rinsing
A.3.2.5	Colouring
A.3.2.6	Sealing
A.3.3	Standard specimen that is less wear resistant than acceptable glass-coated abrasive paper
A.3.4	Storage of standard specimens
A.4	Validation of abrasive paper

Page count: 8