

THICKNESS CLASSES

Proposal:	Secretariat and Convenor TC
QUALANOD resolution:	Meeting October 2011
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Parts of the Specifications concerned:	Section 3.1.3 Thickness classes

3.1.3 Thickness classes

Anodic coatings are classified by a figure representing the thickness in micrometres on the significant surface.

There are the following thickness classes:

Class 5 minimum average thickness value 5 μm

Class 10 minimum average thickness value 10 μm

Class 15 minimum average thickness value 15 μm

Class 20 minimum average thickness value 20 μm

Class 25 minimum average thickness value 25 μm

The thickness class should be specified by the customer. For architectural applications, it depends on the national standards and on the aggressive nature of the environment according to:

internal applications at least class 5

external applications at least class 15

If the customer requires a minimum average thickness value less than 5 μm , then the contract between the anodiser and the customer shall specify:

- the average thickness or the minimum average thickness
- the measurement method and procedure, which shall conform to ISO 2360.