
**Welding consumables — Fluxes
for submerged arc welding and
electroslag welding — Classification**

*Produits consommables pour le soudage — Flux pour le soudage à
l'arc sous flux et le soudage sous laitier — Classification*

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Foreword

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 3, *Welding consumables*.

This third edition cancels and replaces the second edition (ISO 14174:2012), which has been technically revised. The main changes compared to the previous edition are as follows:

- Subclause [5.4.3](#) now clarifies burn-out;
- ISO 18724 has been added to [Clause 2](#);
- [Table 3](#) has been expanded;
- [Table 5](#) for flux class 2, welding current and voltage have been revised;
- an example of a Z option has been added;
- information on IIW Round robin testing of fluxes has been added to [Annex B](#) and as a bibliographical reference;
- Clause [B.16](#) has been corrected to include CaF₂ (to align with EN 760).

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