



**International
Standard**

ISO 17544

**Carbonaceous materials used in
the production of aluminium —
Cold and tepid ramming pastes —
Determination of rammability of
unbaked pastes**

**Second edition
2024-08**

*Produits carbonés utilisés pour la production de l'aluminium —
Pâtes de brasquage froides et tièdes — Détermination de
l'aptitude au brasquage des pâtes non cuites*

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Foreword

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This document was prepared by Technical Committee ISO/TC 226, *Materials for the production of primary aluminium*.

This second edition cancels and replaces the first edition (ISO 17544:2004), which has been technically revised.

The main changes are as follows:

- the mass of the falling weight and the ramming rate have been corrected.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

The bottom of aluminium electrolysis cells is lined with cathode blocks that are sealed with a ramming paste to avoid any leakage. When lining a cell, the green paste is directly rammed between the cathode blocks and baked in situ during the start-up of the pot by the process heat. The quality of the paste is of primary importance as to ensure long operation without disturbance.

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