
**Classification of dense shaped refractory
products —**

**Part 4:
Special products**

Classification des produits réfractaires façonnés denses —

Partie 4: Produits spéciaux



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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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Contents

Page

Foreword.....	iv
1 Scope	1
2 Principle.....	1
3 Classification.....	2
3.1 Type of product.....	2
3.2 Group	2
3.3 Nature of raw materials	7
3.4 State of raw materials.....	8
3.5 Nature of the bond	8
3.6 Post-treatment.....	8
4 Other refractory products.....	8
5 Designation of a special product.....	9
Bibliography	10

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 10081-4 was prepared by Technical Committee ISO/TC 33, *Refractories*.

ISO 10081 consists of the following parts, under the general title *Classification of dense shaped refractory products*:

- *Part 1: Alumina-silica*
- *Part 2: Basic products containing less than 7 % residual carbon*
- *Part 3: Basic products containing from 7 % to 50 % residual carbon*
- *Part 4: Special products*

Classification of dense shaped refractory products —

Part 4: Special products

1 Scope

This part of ISO 10081 specifies the classification and designation of dense shaped refractory products of special composition including

- a) oxide products,
- b) oxide and non-oxide products,
- c) non-oxide silicon carbide or carbon based products, and
- d) further special products which are only designated but not classified, for example, non-oxide products, such as boride, nitride or further combinations of the series listed above.

2 Principle

Dense shaped special products shall be classified according to the following six criteria:

- a) the type of product;
- b) the group determined by the content of its main chemical component(s);
- c) the principal raw material(s);
- d) the state of the raw materials;
- e) the nature of the bond;
- f) any post-treatment;