

JIS

JAPANESE INDUSTRIAL STANDARD

**Glossary of Terms Used
in Refractory**

JIS R 2001 —1985

Translated and Published

by

Japanese Standards Association

**In the event of any doubt arising,
the original Standard in Japanese is to be final authority.**

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Glossary of Terms Used in Refractory

R 2001-1985

1. Scope

This Japanese Industrial Standard specifies principal terms used in refractory.

2. Classification

The glossary of terms used in refractory shall be classified into the following 6 parts.

- (1) General
- (2) Raw materials and minerals
- (3) Manufacture
- (4) Types of refractories
- (5) Kilns and shapes of refractories
- (6) Characteristics and test methods

3. Terms, Readings and Definitions

The terms, readings and definitions shall be as follows:

(1) General

No.	Term	Definition	Equivalent English (Reference)
102	KASHŌ	A heat-treatment preliminarily carried out for changing raw materials physically or chemically.	calcination
103	KASOSEI	A property capable of molding a shape, especially remarkable for clay. A material can be formed without generating cracks and the new shape can be kept by this plasticity.	plasticity
104	KADOKAKE	A state in which a portion of the corner and edge of refractory is lost by breakdown, peeling, etc.	edge defect, corner defect
105	SOSEI HENKEI	A deformation in which a material is deformed without being broken by outer force and the shape as it is, is kept even if the outer force is removed.	plastic deformation

Applicable Standards: See page 34.