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**NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC  
OF CHINA**

**中华人民共和国国家标准**

**GB/T 31387-2015**

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**Reactive Powder Concrete**

**活性粉末混凝土**

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## **Foreword**

This standard is drafted according to rules given by GB/T 1.1-2009.

This standard is proposed by the Ministry of Housing and Urban-Rural Construction, P.R.C.

This Standard is under the jurisdiction of National standardization technical committee on Concrete (SAC/TC 458).

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# Reactive powder concrete

## 1 Scope

This standard specifies the terms, definitions, classification, performance rate, labeling, raw materials, mix proportion design, preparation and transportation, conservation, test methods, and inspection rules of reactive powder concrete.

This standard applies to reactive powder concrete poured in situ or precast factory.

## 2 Normative references

Following documents are indispensable for application of this document. For the dated documents so quoted, only dated versions apply to this document. For the undated documents so quoted, the latest versions (including all modification sheets) apply to this document.

GB 175 Common portland cement

GB/T 1596 Fly ash used for cement and concrete

GB 8076 Concrete admixtures

GB/T 18046 Ground granulated blast furnace slag used for cement and concrete

GB/T 21120 Synthetic fibres for cement cement mortar and concrete

GB/T 26408 Concrete truck mixer

GB/T 27690 Silica fume for cement mortar and concrete

GB/T 28293 Ground iron and steel slag

GB/T 50080 Standard for test method of performance on ordinary fresh concrete

GB/T 50081 Standard for test method of mechanical properties on ordinary concrete

GB/T 50082 Standard for test methods of long-term performance and durability of ordinary concrete

GB 50119 Code for utility technical of concrete admixture

GB 50164 Standard for quality control of concrete

GB 50204 Code for acceptance of constructional quality of concrete structures

JC/T 874 Methods of chemical analysis of silicious raw materials for cement industry

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