

IS : 7779 (Part I/Sec 2) - 1975

Indian Standard

SCHEDULE FOR PROPERTIES AND
AVAILABILITY OF STONES FOR
CONSTRUCTION PURPOSES

PART I GUJARAT STATE

Section 2 Engineering Properties of Building Stones

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

Indian Standard

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PART I GUJARAT STATE**Section 2 Engineering Properties of Building Stones**

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SCHEDULE FOR PROPERTIES AND AVAILABILITY OF STONES FOR CONSTRUCTION PURPOSES

PART I GUJARAT STATE

Section 2 Engineering Properties of Building Stones

0. FOREWORD

0.1 This Indian Standard (Part I/Section 2) was adopted by the Indian Standards Institution on 19 August 1975, after the draft finalized by the Stones Sectional Committee had been approved by the Civil Engineering Division Council.

0.2 Stones are available in large quantities in different parts of the country. To choose and utilize them for various uses, it is necessary to know their availability and also the strength properties determined according to the standard procedures. Accordingly, this Indian Standard is being formulated to cover this information for each State in the country. This standard will be published in parts, each part covering a State. For the facility of compiling and use of the standard, each part will be divided into three sections. Part I covers Gujarat State and will be issued in three sections. Section 1 gives information on the availability of stones in the form of map showing geological classification and known quarries. Section 2 covers engineering properties of building stones; and Section 3 covers engineering properties of stone aggregates. It is hoped that with the publication of this data it will be convenient for the users of stone to know not only the availability of stones but to select them in a scientific way depending upon the requirement for the particular use.

0.2.1 The information included in this part covers data collected up to the end of 1974. Further information, as and when received, will be added as amendment to this standard.

0.3 The information contained in this section is based on the data provided by Engineering Research Institute, Public Works Department of Gujarat State.

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0.4 In reporting the results of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS : 2-1960*.

1. SCOPE

1.1 This standard (Part I/Section 2) covers engineering properties of building stones of Gujarat State.

2. TEST RESULTS

2.1 The test results of most of the types of building stones collected for some of the important properties according to relevant Indian Standards are given in Table 1.

*Rules for rounding off numerical values (*revised*).

BUREAU OF INDIAN STANDARDS

Headquarters:

Manak Bhavan, 9 Bahadur Shah Zafar Marg, NEW DELHI 110002

Telephones: 331 01 31, 331 13 75

Telegrams: Manaksanstha
(Common to all Offices)

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