

(PREVIEW)

IS : 2571 - 1970

Indian Standard

CODE OF PRACTICE FOR LAYING IN-SITU CEMENT CONCRETE FLOORING

(First Revision)

FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 19 December 1970, after the draft finalized by the Flooring and Plastering Sectional Committee had been approved by the Civil Engineering Division Council.

0.2 *In-situ* cement concrete flooring consists essentially of rich cement concrete, and possesses good wearing properties and facility of easy cleaning and maintenance which make it suitable for use in houses, offices, schools, hospitals and light industrial buildings. Depending upon the amount of loading and the degree of wear resistance needed, the floor finish has to be laid in various thicknesses and a careful selection has to be made regarding mix proportions, panel sizes and number of layers. Also the laying operations have to ensure the proper bonding of the finish to the base or sub-floor. This code provides necessary guidance in the selection of materials and laying and finishing of cement concrete flooring for obtaining satisfactory performance. This standard which was first published in 1963 is now being revised taking into account the experience gained in the concrete flooring work for the past few years.

0.3 In the formulation of this standard due weightage has been given to international co-ordination among the standards and practices prevailing in different countries in addition to relating it to the practices in the field in this country. This has been met by deriving assistance from B. S. CP204 : 1965 *In-situ* floor finishes, issued by the British Standards Institution.

0.4 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard covers laying and finishing of in-situ cement concrete flooring for non-industrial and light industrial buildings. Heavy duty floors and acid and alkali resisting floor finishes are not dealt with in this standard.

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