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SINGAPORE STANDARD

Testing concrete

- Part B9 : Recommendations for the measurement of dynamic modulus of elasticity

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SINGAPORE STANDARD

TESTING CONCRETE

PART B9 : RECOMMENDATIONS FOR THE MEASUREMENT OF DYNAMIC MODULUS OF ELASTICITY

FOREWORD

This Part of SS 78 B series standards has been prepared under the direction of the Building Materials Product Standards Committee. All aspects of testing concrete are being included as parts of SS 78 A and B series standards from sampling fresh concrete to assessing concrete in structures. Except for changes, where applicable, in test environment, this Standard is based on BS 1881 : Part 209 : 1990 and reproduced by permission of BSI, 2 Park Street, London, W1A 2BS, England. SS 78 : Part B1 gives general guidance on the choice of non-destructive test methods and should be consulted for advice on methods which can be used to complement this method of measuring the dynamic modulus of elasticity.

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1. SCOPE

This Part of SS 78 B series standards gives recommendations for the determination of dynamic modulus of elasticity of plain concrete in the laboratory using resonance of vibration in the longitudinal mode.