

**SINGAPORE STANDARD**

**Methods for sampling and testing of  
mineral aggregates, sand and fillers**

– Part 17 : Methods for determination of water-  
soluble chloride salts

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SINGAPORE STANDARD

**METHODS FOR SAMPLING AND TESTING OF MINERAL AGGREGATES,  
SAND AND FILLERS - PART 17 : METHODS FOR DETERMINATION  
OF WATER-SOLUBLE CHLORIDE SALTS**

FOREWORD

This Part of SS 73 has been prepared under the direction of the Building Materials and Products Standards Committee. It is based on BS 812 : Part 117 : 1988 and reproduced by permission of BSI, 2 Park Street, London W1A 2BS, England.

It is intended that other Singapore Standards should call up SS 73 test methods as the basis of compliance. Nevertheless, it is not intended that aggregates should be subjected regularly to all the listed tests. Specifications in other standards should call up only relevant test methods.

Advice on the use of simpler qualitative tests is given, for example, when they can be used for a preliminary sorting of aggregates to see whether more precise and expensive testing is justified.

Reference should be made to SS 73 : Part 1 for general guidance on testing aggregates, precision of test methods and variance arising from sampling errors.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

**NOTE**

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**1. SCOPE**

This Part of SS 73 describes the method for determination of the water-soluble chloride salt content of aggregate.

**NOTE 1.** In Appendix A a qualitative test is described and Appendix B describes a more rapid method of test than the test described in the main text. It is strongly recommended that these tests are used as preliminary checks before resorting to the test described in the main text which may be needed for compliance with a specification. These rapid tests can also be used regularly for quality control.

**NOTE 2.** The titles of the publications referred to in this standard are listed at the end of the standard.