

(PREVIEW)

Indian Standard

DOOR SHUTTERS — METHODS OF TESTS

PART I GENERAL

1. SCOPE

This standard (Part 1) covers the various test methods which shall be followed to subject the door shutters to evaluate their quality.

PART 2 MEASUREMENT OF DIMENSIONS AND SQUARENESS

1. SCOPE

This standard (Part 2) specifies method for measuring the dimensions and the squareness of door shutters.

PART 3 MEASUREMENT OF GENERAL FLATNESS

1. SCOPE

This standard (Part 3) specifies a method for measuring the general flatness of door shutters.

PART 4 LOCAL PLANENESS TEST

1. SCOPE

This standard (Part 4) specifies method of test to ascertain the general smoothness of the surface of the door shutters.

PART 5 IMPACT INDENTATION TEST

1. SCOPE

This standard (Part 5) specifies two tests to determine the impact indentation on door shutters.

PART 6 FLEXURE TEST

1. SCOPE

This standard (Part 6) specifies method of test for flexure resistance of door shutters.

PART 7 EDGE LOADING TEST

1. SCOPE

This standard (Part 7) specifies a method of test to determine the deflections on door shutters due to load applied at the edges.

PART 8 SHOCK RESISTANCE TEST

1. SCOPE

This standard (Part 8) specifies two tests for determining the resistance of door shutters to shock. Both the tests as specified in 2.1 and 3.1 are to be carried out.

PART 9 BUCKLING RESISTANCE TEST

1. SCOPE

This standard (Part 9) specifies method of test to determine the resistance of door shutters to buckling.

PART 10 SLAMMING TEST

1. SCOPE

This standard (Part 10) specifies two tests to determine the effect on door shutters due to slamming actions. Any one of the following tests shall be followed

PART 11 MISUSE TEST

1. SCOPE

This standard (Part 11) specifies method of test to determine the resistance of door shutters to misuse.

PART 12 VARYING HUMIDITY TEST

1. SCOPE

This standard (Part 12) specifies method which is to be used to test the behaviour, under humidity variations, of door shutters placed in successive uniform climates.

PART 13 END IMMERSION TEST

1. SCOPE

This standard (Part 13) specifies method of test of 24 hours and then allowed to dry for 24 hours at resistance of door shutters to immersion in water.

PART 14 KNIFE TEST

1. SCOPE

This standard (Part 14) specifies method of test for testing the glue adhesion strength of door shutters with a knife.

PART 15 GLUE ADHESION TEST

1. SCOPE

This standard (Part 15) describes method of test to assess the glue adhesion of door shutters.

PART 16 SCREW WITHDRAWAL RESISTANCE TEST

1. SCOPE

This standard (Part 16) specifies method of test to determine the screw withdrawal resistance of door shutters