

KES

**Testing Method for Tensile
Strength of Paint Film**

KES T – L410

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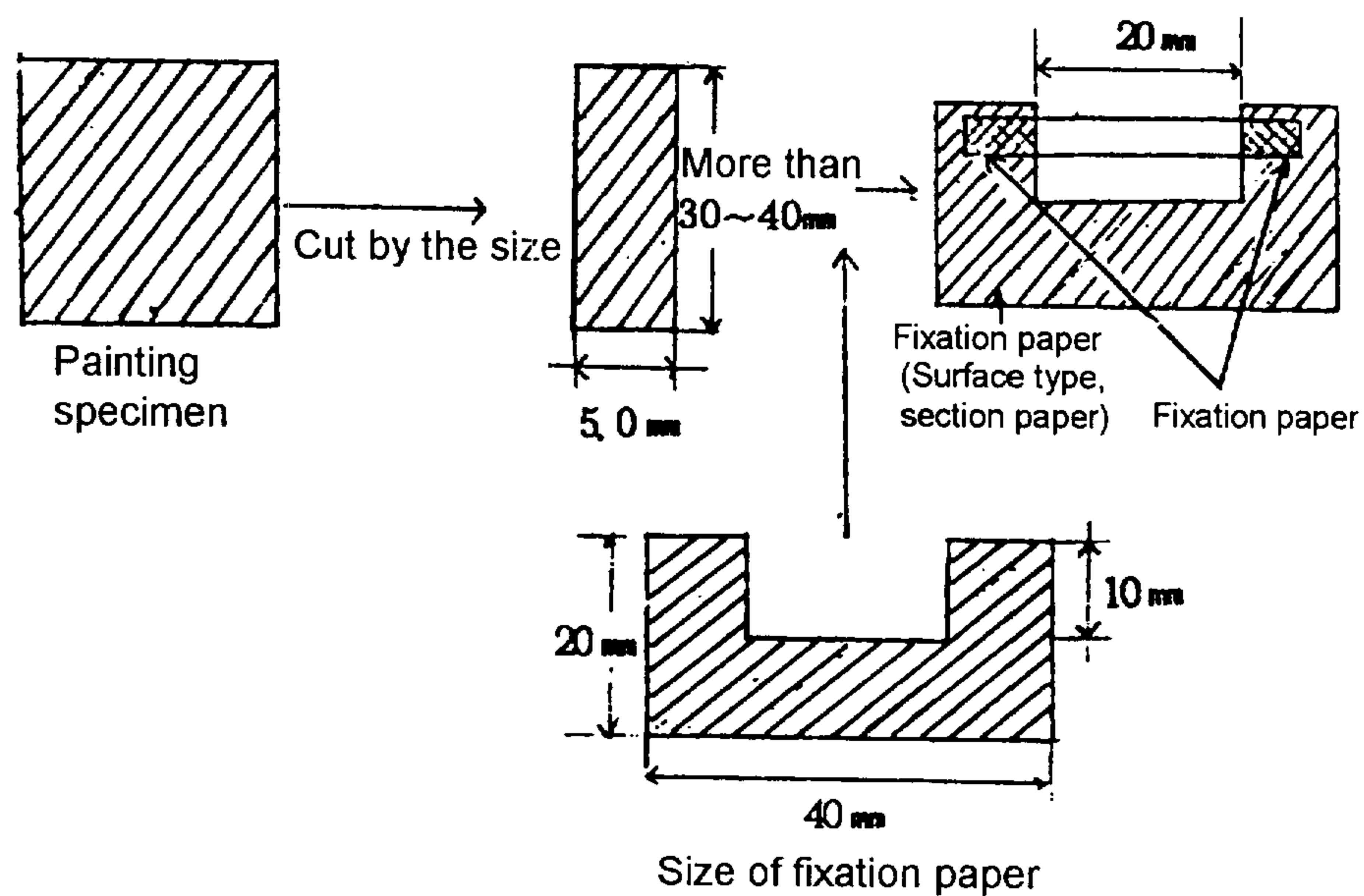


1. Scope of Application

This standard shall be applied to the test method for tensile strength, elongation and elasticity of paint film for the purpose of accessories on automotive parts.

2. Fabrication of Test Specimen

- (1) Dry with the dry towel condition after painting on tin sheet.
- (2) Peel slight portion of paint on the tin sheet and peel the paint film by dropping Hg solution.
- (3) Cut it as a small size by cutter-knife on the glass plate.
- (4) Fix the 4 points on the section paper by cellophane tape.
- (5) Method of manufacturing specimen



- (6) Apply the loads after attaching the tensile tester.

The distance of indication line and load on fracture is measured.

- (7) The thickness is measured by paint film thickness measurer.

The test is performed with the specimen having uniform thickness.