



Water resistance

Objective

This test is used to measure the water resistance of flexible leather. It evaluates both the water penetration time and the quantity potentially absorbed.

Principle

The test consists in determining the water penetration and water diffusion resistance through a material, by partially immersing a semi-cylindrical specimen. The specimen is subjected to cyclic compressions to simulate the stresses in use (pumping effect). The results comprise the material penetration time (expressed in minutes), the water absorption of the material (expressed as a percentage) and the quantity of water transferred (expressed in g).

Type: [Physical and mechanical test](#)

Standard: [EN ISO 5403-1](#)

Product: [Leather](#)

Criteria: [Comfort](#)



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