

Accelerated Weathering Test CDECK Classic

The test is based on EN 15534, using Q-LAB – UVA340 Lamps equipment, equipped with UV-A lamps.

This test is divided into three distinct cycles, each with specific exposure characteristics and duration.

In the first cycle, referred to as UV, the material is exposed to 8 hours of UV radiation at a temperature of 60° C, with a radiation intensity of 0.90W/ m2.

In the second cycle, the condensation cycle, the material is exposed for 4 hours at a temperature of 40° C and subjected to 8 liters of water per day (condensation effect).

In the third cycle, known as the spray cycle, the material is subjected to a water spray (7 liters per minute) for 6 minutes.

These three cycles are repeated continuously until a total of 3000 hours of testing is achieved.

