

Technical day - W101

Paint loss

Cracking

Fading

Yellowing

Embrittlement

Introduction to weathering and light stability

What You'll Learn:

- ✓ Knowing the various ageing techniques to light and the differences between the available test chambers on the market.
- ✓ Understanding the responsible factors for the damage.
- ✓ Understanding what to expect from a durability test.
- ✓ Learning how to correlate a natural to an accelerated ageing.

Event Details



April 23 2026



8:30 - 18:00



**Van der Valk Hotel,
9120, Beveren, Belgium**

PRICE

- 190 € VAT excl. / person
- Buffet lunch (accommodation not included)

SPEAKER



James REGAN

International Sales Director, Senior Manager
Q-Lab Europe



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Now!**

In our globalized and competitive economy, the sustainability of products put on the market by manufacturers is a criterion of the highest importance. Performing weathering and light stability tests is often to comply with regulatory requirements, focus on materials and high quality manufacturing and to avoid significant non-quality costs

It is in this context that Q-Lab Corporation, the world's leading manufacturer of light (UV and xenon) weathering testers with a known worldwide scientific expertise, and LABOMAT, its representative in France, Belgium, Luxembourg and Maghreb, offer you a technical day about the theme of light weathering.

PUBLIC

- ✓ Engineers or technicians performing or having to perform tests of natural and/or accelerated ageing to light (UV and solar light).
- ✓ Engineers or technicians, future users or subcontractors of UV and/or xenon test chambers.
- ✓ Engineers or technicians interested in correlations between natural ageing and accelerated ageing

DETAILS

- English speaker.
- PowerPoint presentation in English.
- Documents : training booklet in English, program, attendance sheet, satisfaction questionnaire, diploma.

INDUSTRIES

- Paints, inks, coatings
- Plastics (pieces, films) Wood Fillers, facades, roofing
- Cosmetics
- Test laboratories
- Textiles (techniques and clothing)
- Chemistry
- Pharmacy

CONTACT

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Daily Agenda

08:30	Welcoming the participants	
09:00	Presentation - Part 1 Usefulness of the weathering tests - Definitions - Glass effect - Interactions with materials - Spectral sensitivity - Temperature effect - Humidity effect	
10:30	Break	
10:45	Presentation - Part 2 Outdoor weathering - Outdoor exposure techniques - Exposure angles - Different types of background - Under glass exposure - Special tests - Evaluation methods - Solar concentrators - Sample holders	
12:30	Lunch	
14:00	Presentation - Part 3 Accelerated weathering with xenon - Effect of filters - Irradiance control - Temperature control - Influence of humidity - Spray and immersion - Accelerated weathering with UV - UV lamps - Irradiance control - Humidity management - Acceleration	
16:00	Break	
16:15	Presentation - Part 4 Correlations - Development of test methods - Choice of the accelerated weathering technique - Test program	
17:30	Questions - answers	
18:00	The end	