

Abstract for Sean Fowler – Q Lab

“Accelerated Weathering Testing – The Right Choice”

This presentation compares two accelerated weathering test methods: fluorescent ultraviolet and xenon arc. The paper will describe the strengths and limitations for both techniques due to: simulation of the forces of weathering including sunlight, temperature and moisture, mounting of test specimens, control of test parameters, and operational considerations. The paper will review common test methods for plastic materials used for window and doors and wood/plastic composites.