AECELERATED
WEATHERING TEST

01 **QUV**

02 **Xenon**

03 **Ageing Corrosion**

Our state-of-the art corrosion testing laboratory studies the effect of customizable atmospheric conditions on various coating combinations. We house a QUV test chamber that constitutes fluorescent lamps to produce lights in the UV spectrum, instils humidity via forced condensation, and regulates temperature through automated sensors.

We assess the negative impact of incident radiation in the form of light. Be it anything between ultraviolet to infrared waves, they are sufficient to damage a variety of coating components due to long exposure. To avoid this structural disaster and to fight the loss of the coating material's properties, we undertake laboratory tests that simulate a test environment and understand the coated component's structural and compositional change over time.

Applicable to all type of coatings, this test method permits an individual comparison between different coats, exposed to similar conditions.