Service Life / Vida útil

TWENTY-THREE PLATES IN ASCENDING ORDER OF RATIO · THE BODY OF WORK AS OF NOVEMBER 8, 2026



Plate 31 0.035 : 1

Photodegradation, desiccation, and wear of upholstery leather.

Leather: c. 3 years. Chair: c. 85.

September 2026

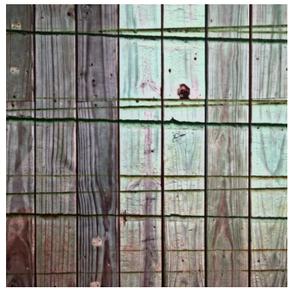


Plate 33 0.47 : 1

Algal colonization of pine board cladding.

Pine: c. 20–35 years. House: 56.

September 2026

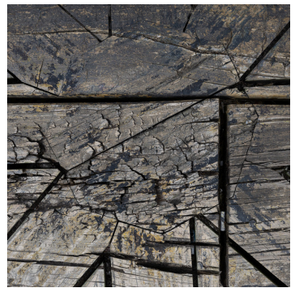


Plate 27 1.39 : 1

Photodegradation and checking of lapacho decking.

Lapacho: c. 25 years. Deck: 18.

September 2026



Plate 15 2.1 : 1

Traffic abrasion of pinotea flooring.

Pinotea: c. 250 years. Floor: 119.

September 2026

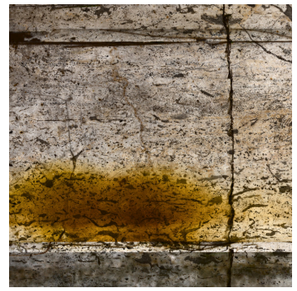


Plate 29 c. 4,500 : 1

Loss of pore fill in travertine paving under traffic.

Travertine: c. 30,000–115,000 years. Paving: 13.

September 2026

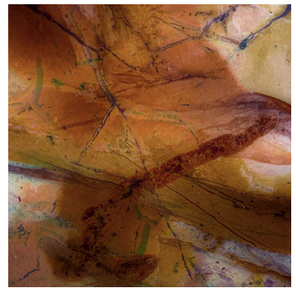


Plate 1 71,400 : 1

Hygrothermal microfracturing in polished calcite onyx.

Calcite onyx: c. 5,000,000 years. Table: 70.

August 2026



Plate 9 286,000 : 1

Hydrolytic corrosion of soda-lime glass.

Sand: 30,000,000 years. Window: c. 105.

August 2026



Plate 7 500,000 : 1

Salt crystallization in fired brick.

Clay: c. 40,000,000 years. Wall: 80.

August 2026



Plate 28 1.35 million : 1

Patina formation in a marine atmosphere and iron-oxide staining on cast bronze.

Copper ore: c. 35,000,000 years. Monument: 26.

September 2026



Plate 25 1.5 million : 1

Laminar corrosion of structural steel.

Iron ore: c. 180,000,000 years. Steel: 119.

September 2026



Plate 8 2.4 million : 1

Rust jacking in reinforced concrete.

Iron ore: c. 250,000,000 years. House: c. 105.

August 2026



Plate 37 6.7 million : 1

Photodegradation and fraying of synthetic mooring lines.

Hydrocarbon: c. 150,000,000 years. Lines: c. 20–25.

November 2026

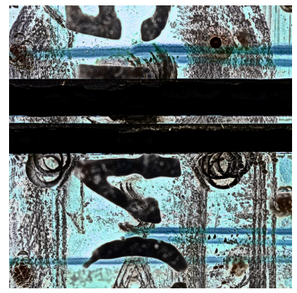


Plate 39 8 million : 1

Pitting corrosion of painted aluminum.

Bauxite: c. 40,000,000 years. Bin: 5.

November 2026

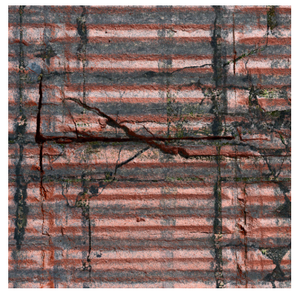


Plate 19 13 million : 1

Abrasion and fracture of baldosas calcáreas under traffic.

Limestone: c. 1,300,000,000 years. Pavement: c. 100.

September 2026



Plate 11 15 million : 1

Oxidation of iron sulfide in Ligurian slate.

Slate: 75,000,000 years. Cladding: 5.

September 2026



Plate 38 15 million : 1

Photodegradation and chalking of a pigmented plastic bin.

Hydrocarbon: c. 150,000,000 years. Bin: c. 10.

November 2026

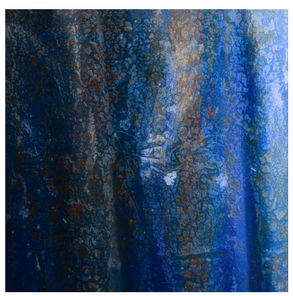


Plate 40 15 million : 1

Ozone and ultraviolet cracking of a rubber fender.

Hydrocarbon: c. 150,000,000 years. Fender: 10.

November 2026



Plate 34 16 million : 1

Loss of binder in cement render.

Limestone: c. 1,300,000,000 years. Render: 81.

September 2026



Plate 35 34 million : 1

Algal colonization of concrete.

Limestone: c. 1,000,000,000 years. Floor: 29.

October 2026



Plate 3 35 million : 1

Calcium carbonate efflorescence on concrete.

Limestone: 600,000,000 years. Bridge: 17.

August 2026



Plate 21 250 million : 1

Chloride pitting and tea staining of a restored stainless steel skin.

Iron ore: c. 2,500,000,000 years. Steel: c. 10.

September 2026



Plate 36 250 million : 1

Salt crystallization in cement render.

Limestone: c. 1,000,000,000 years. Render: c. 4.

October 2026



Plate 4 7,800 million : 1

Differential soiling by combustion soot on granitic paving.

Hydrocarbon: 150,000,000 years. Airborne: one week.

August 2026

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