

Weathering Performance

Weathering performance for **Spraylat's Metal Sign Paints** has been evaluated under the supervision of an independent test laboratory and compared to four alternative paint suppliers

The objective of these studies was to document the capabilities of **Spraylat Metal Sign Products** to meet industry standards for weathering performance



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FAX # 310-836-6094

716 S. Columbus Ave.
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TEL # 800-336-1936
FAX # 914-699-3035

Testing Methodology

- Aluminum panels were coated with **Spraylat metal sign paint** along with the four leading competitors
- **Spraylat metal primer** was used for all panels tested
- Specified film thickness: 1.5-2.0 mils (dry film)
- Three colors from each company were selected to evaluate any differences in gloss retention that might exist across the color spectrum



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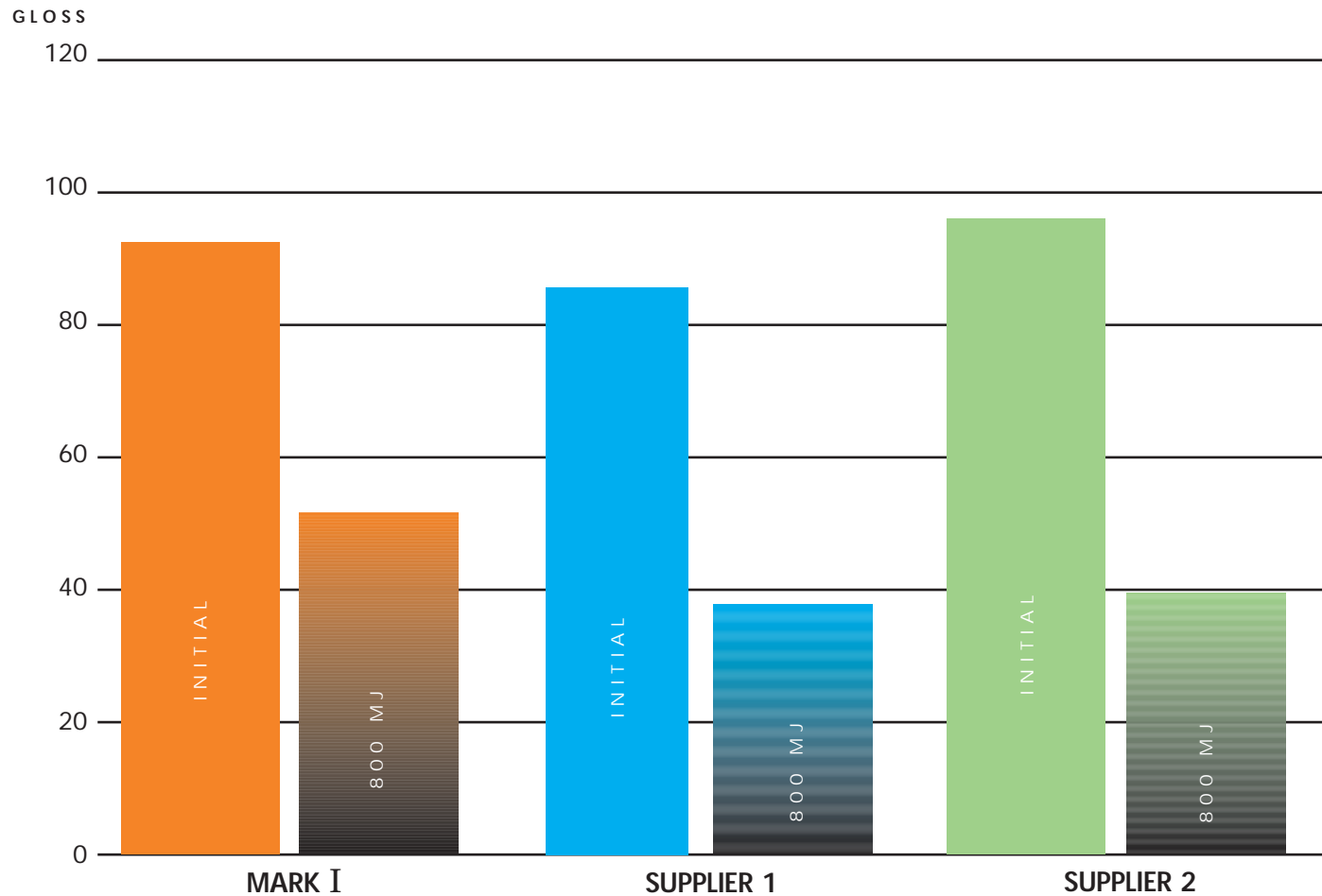
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EMMAQUA Accelerated Weathering

Red Test Results

EMMAQUA-RED-Suppliers 1&2



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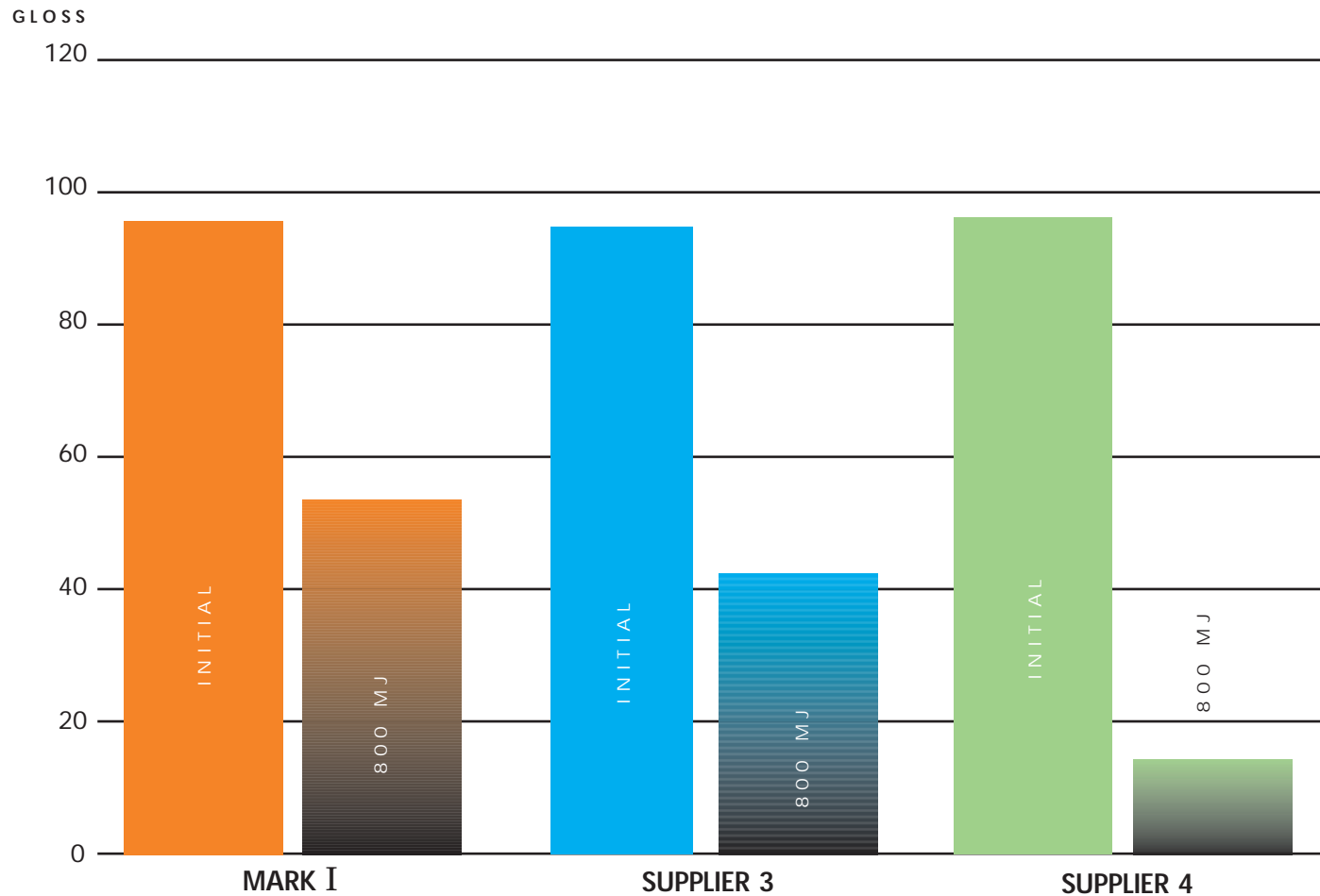
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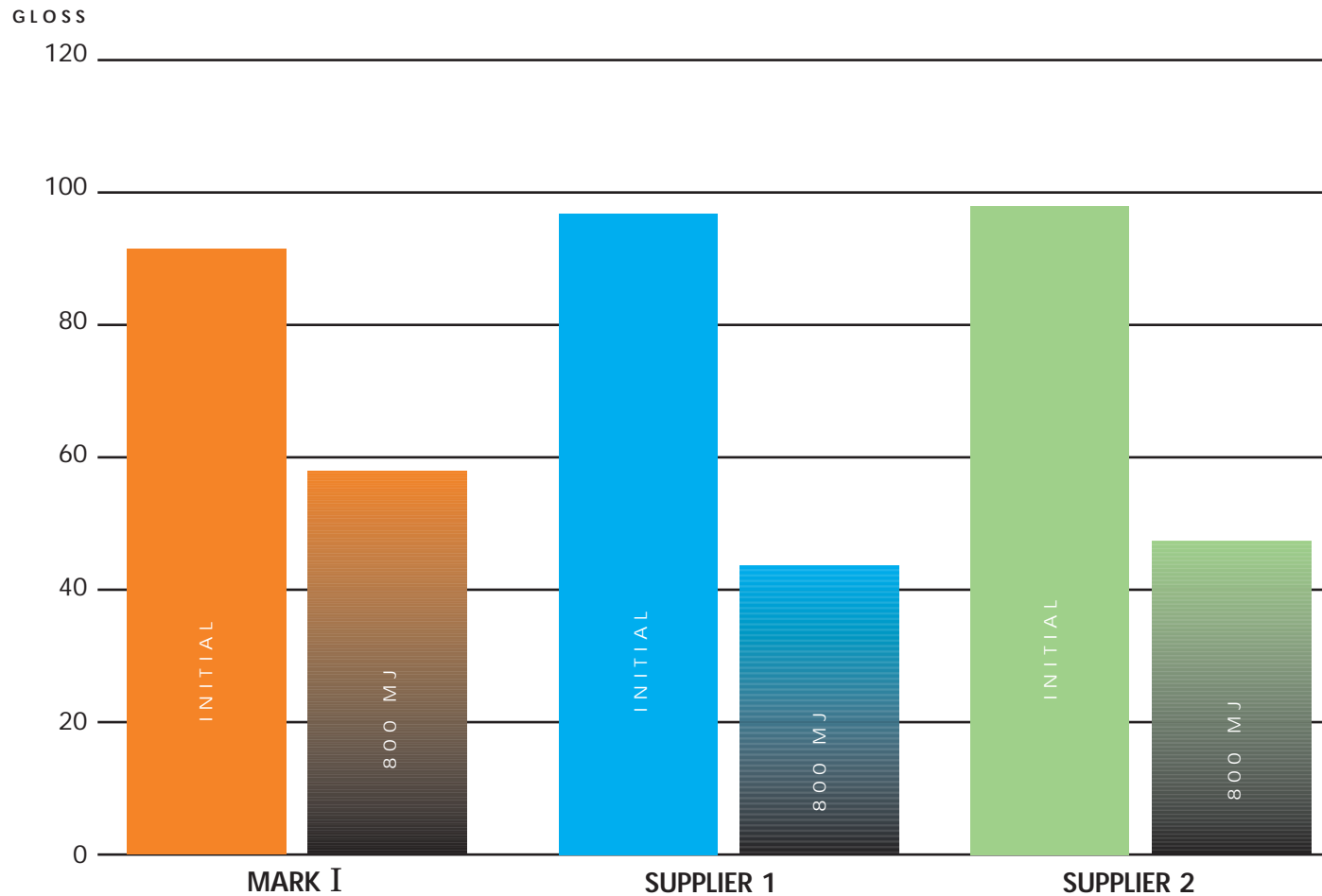
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EMMAQUA Accelerated Weathering

White Test Results

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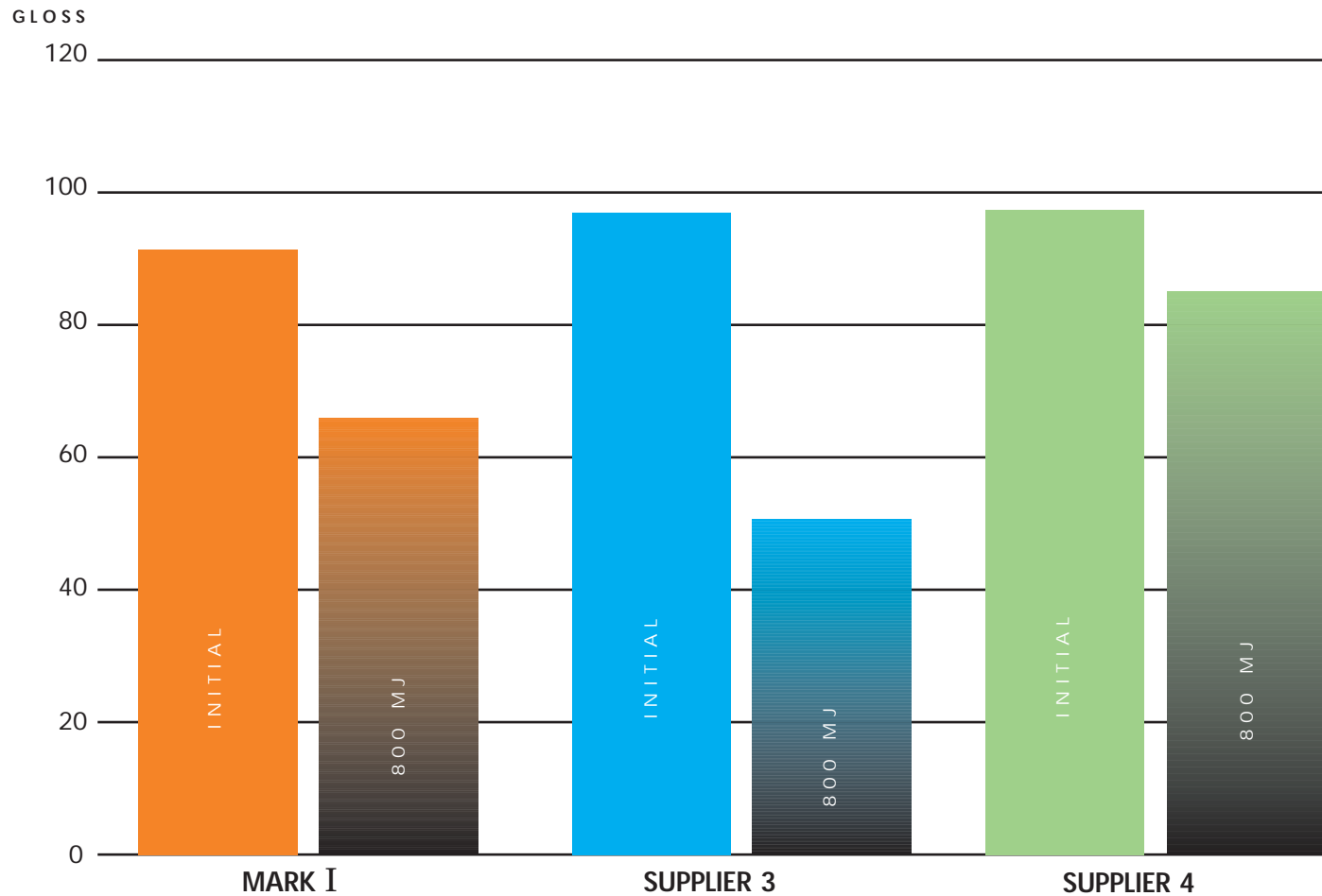
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EMMAQUA Accelerated Weathering

White Test Results

EMMAQUA-WHITE-Suppliers 3&4



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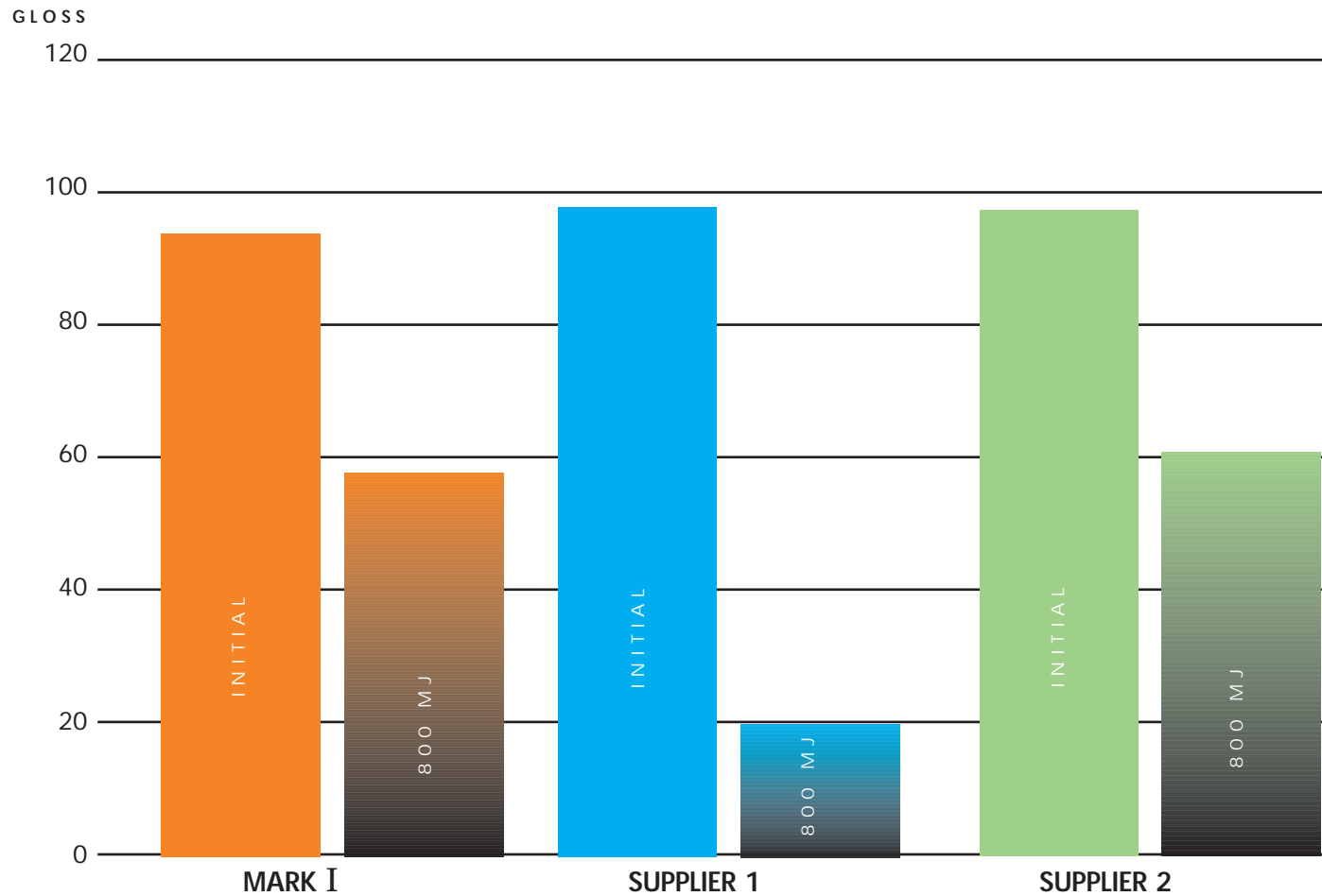
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EMMAQUA Accelerated Weathering

Black Test Results

EMMAQUA--BLACK-Suppliers 1&2



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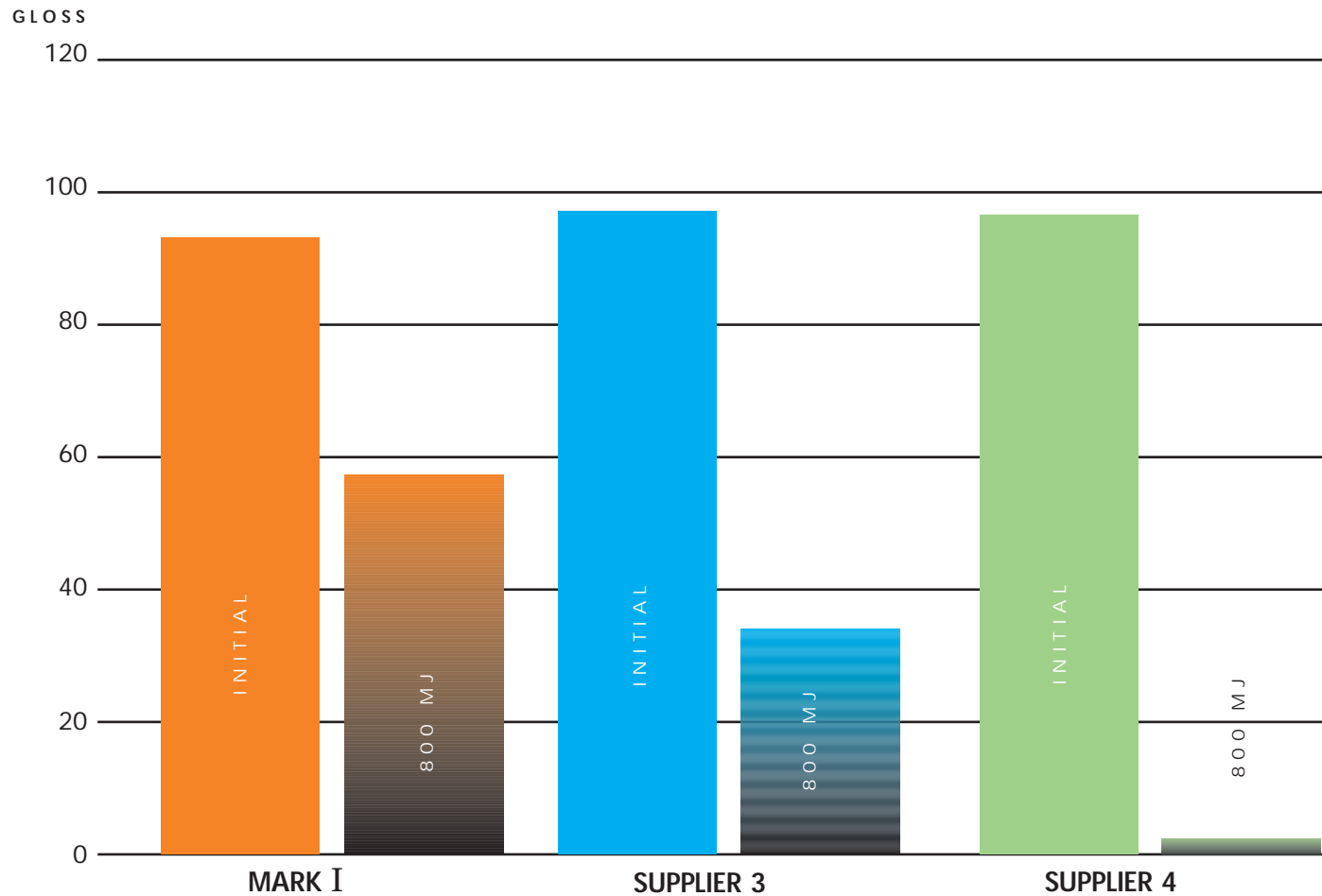
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EMMAQUA Accelerated Weathering

Black Test Results

EMMAQUA-BLACK-Suppliers 3&4



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EMMAQUA Results

- EMMAQUA testing represents very severe, accelerated weathering which is carried out in the desert at New River, AZ
- Test results are based upon the cumulative joules of energy exposure of each panel to concentrated natural sunlight
- Test conditions include day spray plus a night-time wetting of each panel
- 60° gloss is measured on the unwashed surface and compared to the initial gloss using a HunterLab UltraScan spectrophotometer
- Panels are also visually inspected for cracking, crazing, blistering and color

Spraylat Mark I was at **least equal to** each competitive product tested



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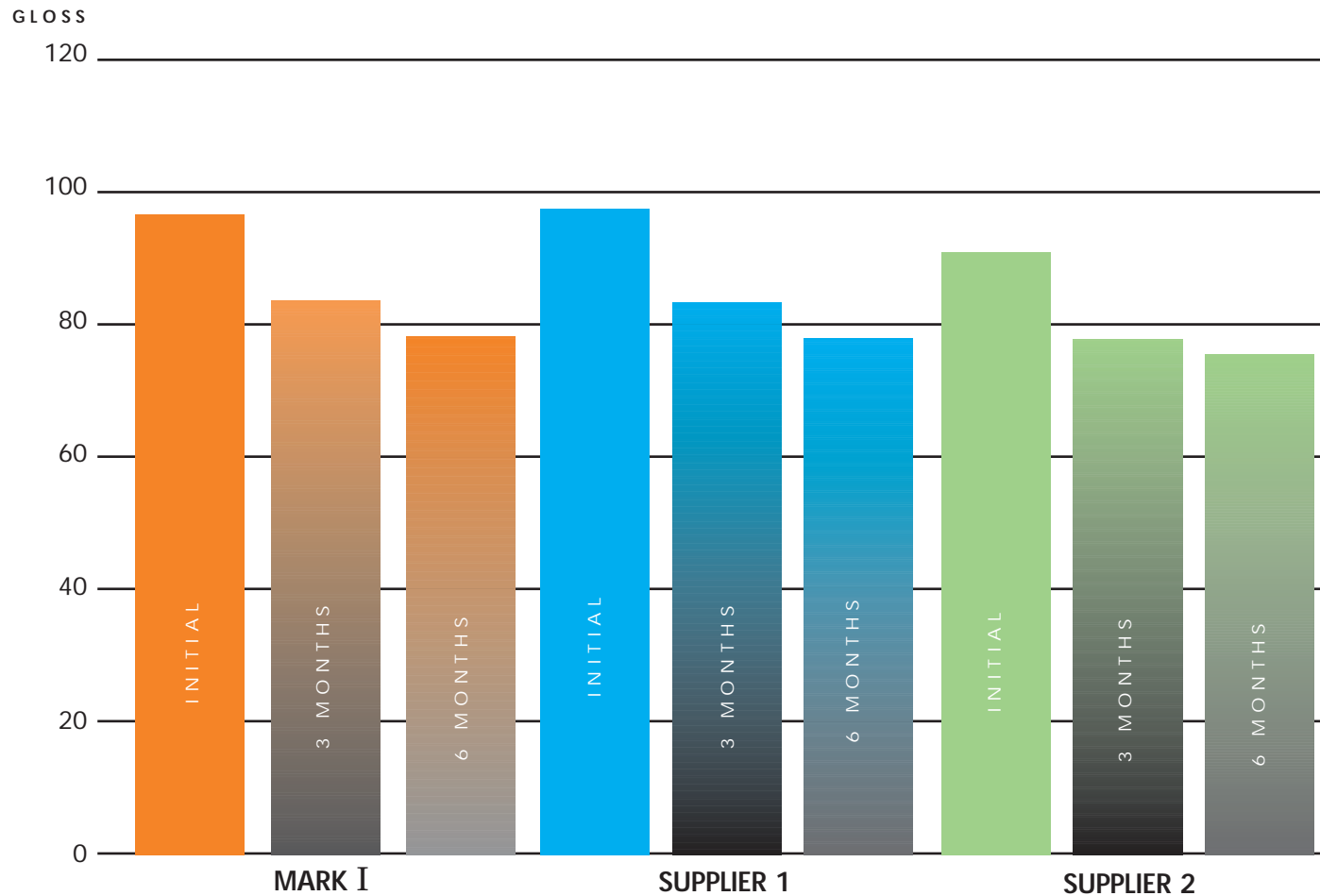
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South Florida Weathering 45° Exposure

Red Test Results

Florida-RED-Suppliers 1&2



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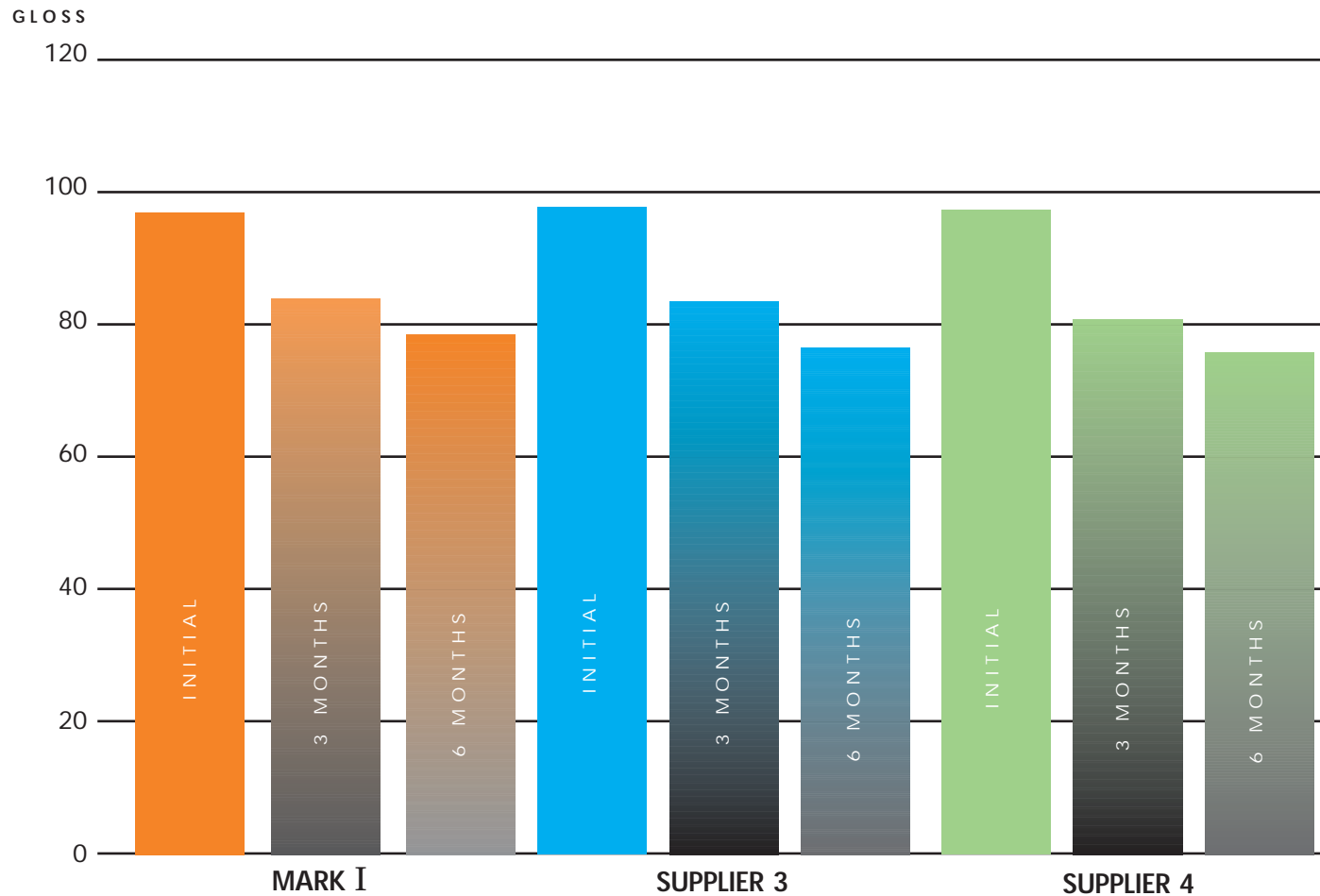
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South Florida Weathering 45° Exposure

Red Test Results

Florida-RED- 3&4



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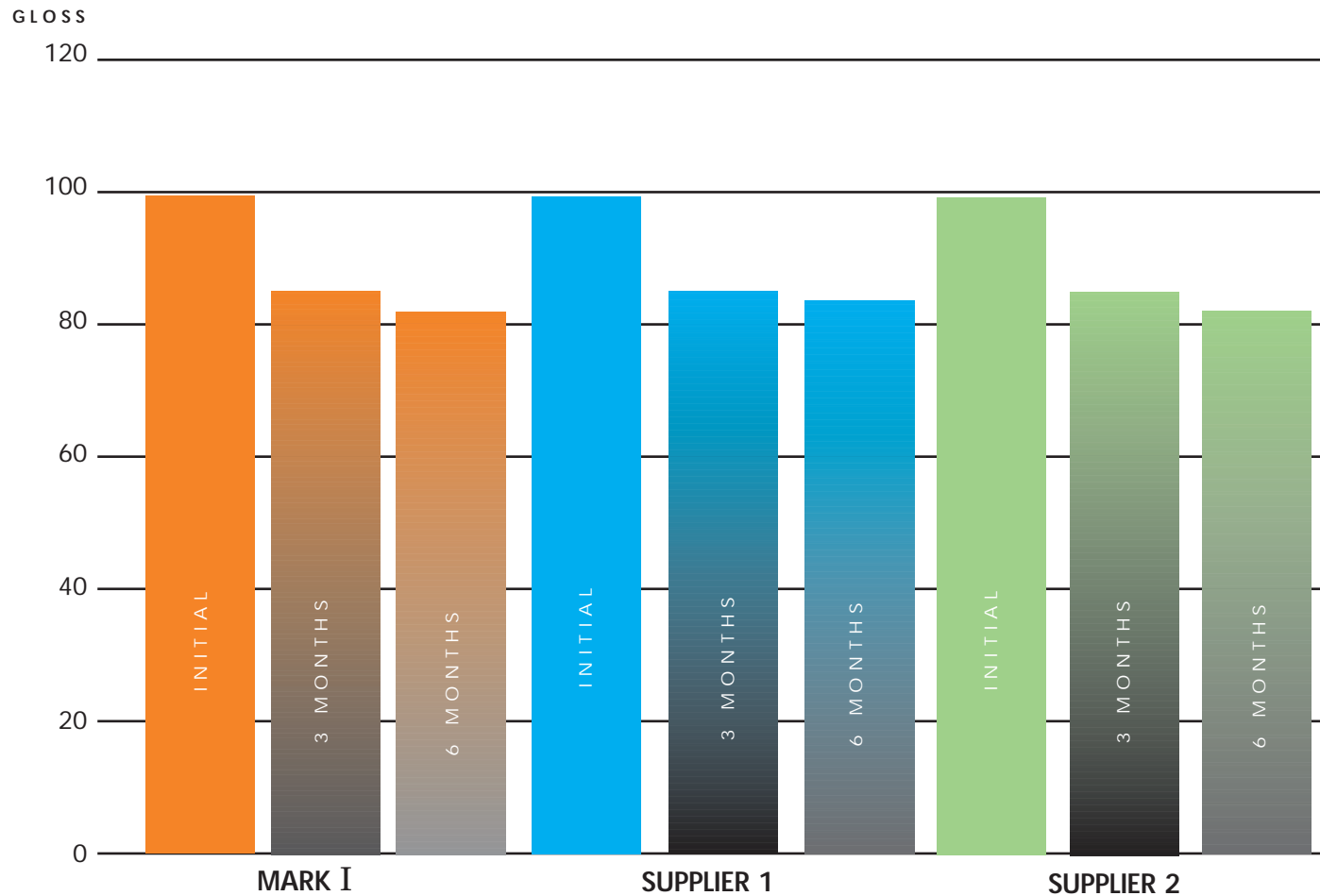
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South Florida Weathering 45° Exposure

White Test Results

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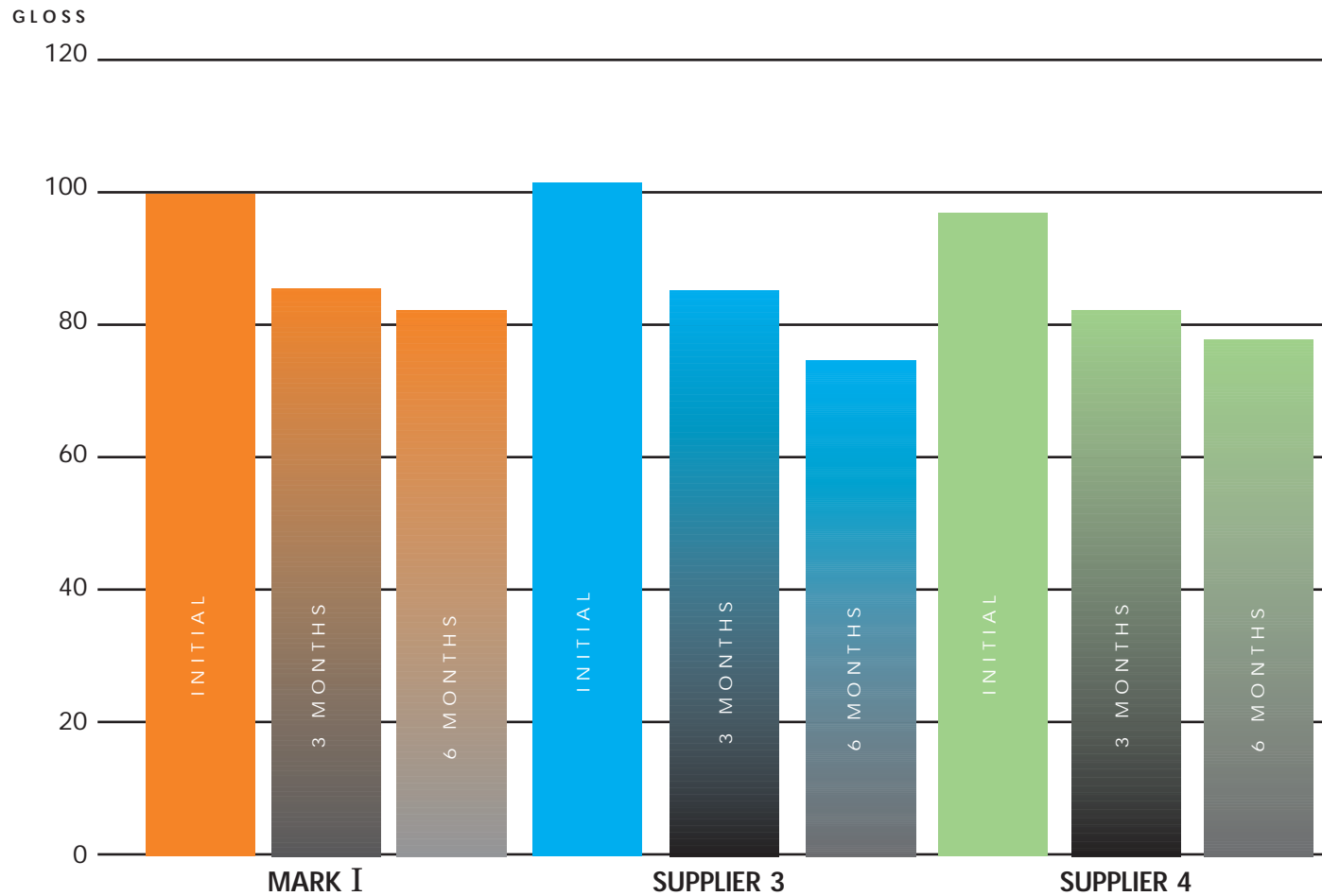
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South Florida Weathering 45° Exposure

White Test Results

Florida-WHITE-Suppliers 3&4



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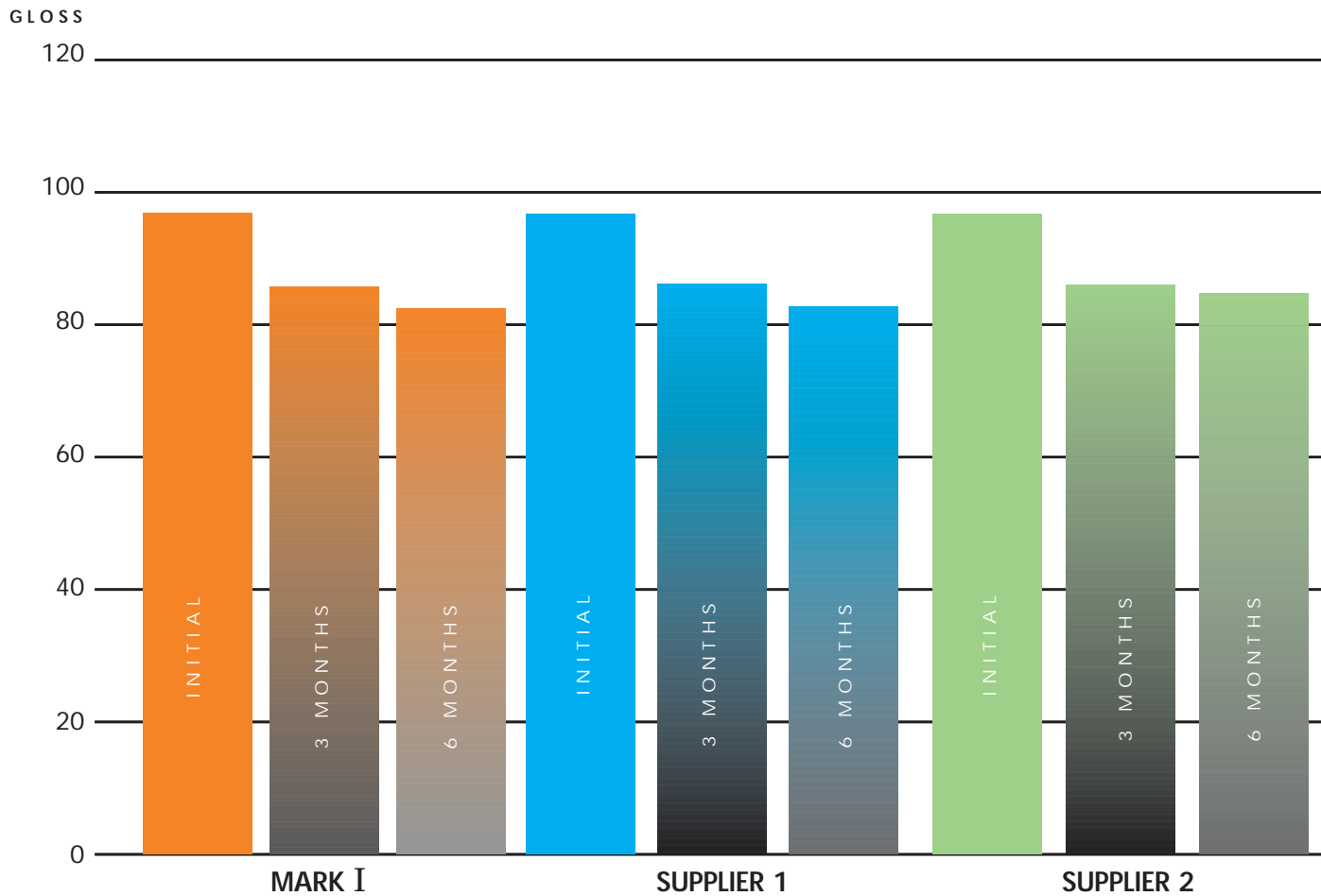
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South Florida Weathering 45° Exposure

Black Test Results

Florida-BLACK-Suppliers 1&2



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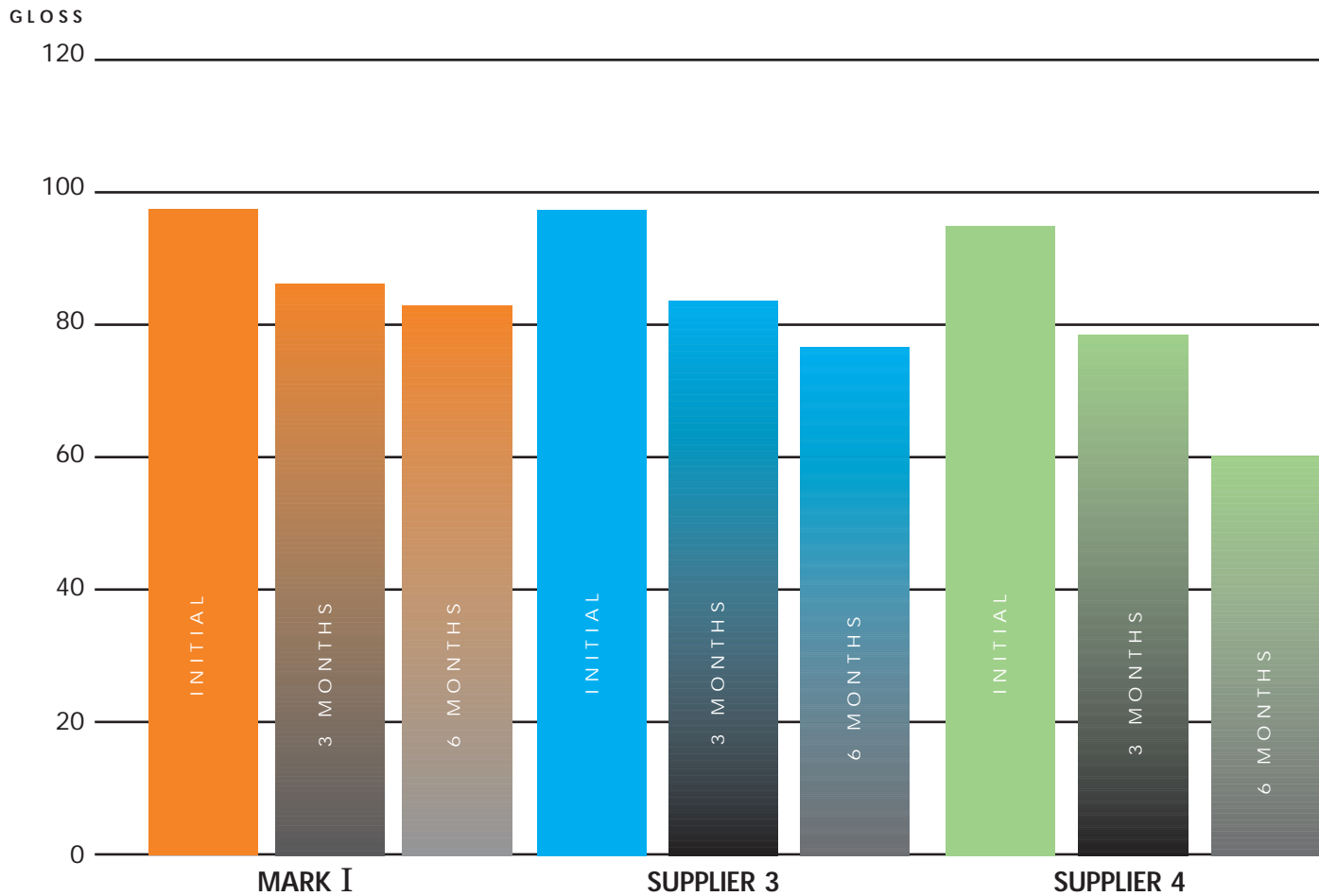
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South Florida Weathering 45° Exposure

Black Test Results

Florida-BLACK-Suppliers 3&4



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