EMMAQUA Weathering Order Form

Date Submitted
COMPANY NAME
Primary Contact Name Alternate Contact Name
Shipping Address
City State Zip Code Country
Phone Fax E-mail Address Invoice E-mail Address
Billing Address (if different) Purchase Order Number

A PURCHASE ORDER OR CREDIT CARD MUST BE ON FILE AT THE START OF EACH TEST

SPECIMEN INFORMATION:

Number of Specimens: **Number of Control Specimens:**

Specimen Sizes: **Exposure Duration:** **Specimen Description**:

EXPOSURE TYPES:

ASTM G90 ☐ EMMAQUA® (Cycle 1)
☐ EMMA® (Cycle 2)
☐ EMMAQUA® NTW (Cycle 3)
Specialty Exposure ☐ UA-EMMAQUA® (Ultra Accelerated) ☐Cycle 1 ☐Cycle 2 ☐Cycle 3
Specialty Exposure ☐ LT-EMMAQUA® (Low Temperature) ☐Cycle 1 ☐Cycle 2 ☐Cycle 3

ASTM D4141 ☐ EMMAQUA® NTW **ASTM D4364** ☐ EMMA®
☐ EMMAQUA®
☐ EMMAQUA® NTW

ASTM D5722 ☐ SOAK-FREEZE-THAW

AAMA 624 & AAM 625 ☐ EMMAQUA® NTW (with Temperature Control)

SAE J1961 ☐ EMMAQUA® NTW ☐ EMMA®

TEMPERATURE CONTROL OPTIONS:

☐**STATIC TEMPERATURE CONTROL:** °C Temperature

☐**NIGHT TEMPERATURE CONTROL:** °C Temperature From: To: Hours of Operation

☐**DYNAMIC TEMPERATURE CONTROL:** Remote Sensor Location °C Offset Temp.

☐**VARIABLE IRRADIANCE:** Number of Mirrors

SPECIAL EXPOSURE INSTRUCTION:

MOUNTING METHOD

☐ Open Backed ☐ Plywood Backed

SIDE FACING SUN

☐ Coded ☐ Uncoded ☐ _____

Evaluation Services

Type of Service	Initial	Weekly	Monthly	Final	Radiation	Other (please specify)
☐ Washing	☐	☐	☐	☐	☐	
☐ Visual Inspection	☐	☐	☐	☐	☐	
☐ Instrumental Color	☐	☐	☐	☐	☐	
☐ Instrumental Gloss	☐	☐	☐	☐	☐	
☐ Film Thickness ☐	☐	☐	☐	☐		
☐ Distinctness of Image	☐	☐	☐	☐	☐	
☐ Optical Properties	☐	☐	☐	☐	☐	
☐ Photography	☐	☐	☐	☐	☐	
☐ Temperature Monitoring	☐	☐	☐	☐	☐	

☐ ***Washing*** Type: ☐ **A** (DI Water) ☐ **B** (Mild Detergent) ☐ **C** (Wash with Polish) ☐ Field Rinse

Area: ☐ Entire Surface ☐ Top ☐ Bottom ☐ Right Side ☐ Left Side ☐ Other

☐ ***Visual Inspection***

☐ **AATCC Grey Scale** (control specimens mandatory) ☐ **Blistering** (ASTM D714) ☐ **Cracking** (ASTM D661)

☐ **Checking** (ASTM D660) ☐ **Chalking** (ASTM D4214 Method- ☐ A-cloth ☐ B-wet finger ☐ C-tape, reflectance ☐ D-tape, TNO)

☐ **Visual Color** (ASTM D1729) ☐ **Mildew/Dirt Retention** (ASTM D3274) ☐ **Tape Adhesion** (ASTM D3359) ☐ A ☐ B

☐ **Other** (Special Instructions/Specific Degradation Interest)**:**

☐ ***Instrumental Color*** **Color Space:** ☐ CIELAB ☐ Hunter L,a,b ☐ CIE X,Y,Z ☐Other

Illuminant: ☐ D65 ☐ C ☐ A ☐Other

Observer: ☐ 10° ☐ 2°

Geometry: ☐ 0/45 ☐ Sphere **Specular Component:** ☐ Included ☐ Excluded

☐ ***Instrumental Gloss*** **Geometry:** ☐ 20° ☐ 60° ☐ 85°

☐ ***Optical Properties*** ☐ **Transmittance:** ☐ UV ☐ Visible ☐ NIR ☐ Solar

☐ **Reflectance:** ☐ UV ☐ Visible ☐ NIR ☐ Solar

☐ **Total Emittance**

☐ **Haze** ☐ **Clarity** ☐ **Shading Coefficient**

☐ ***Photography*** ☐ Digital ☐ 35mm

☐ ***Specimen Temperature Monitoring***

Thermocouple Type: ☐ T-Type ☐ Client Provided

Number of Thermocouples:

Data Collection Reporting Parameters: ☐ **Hourly** (☐ *Max* ☐ *Min* ☐ *Avg*) ☐ **Daily** (☐ *Max* ☐ *Min* ☐ *Avg*) ☐**Other**

Location of Thermocouple Installation:

☐ **Return Shipping Carrier:** ☐ UPS ☐ Fed Ex ☐ Other

☐ Ship to: **DSET Laboratories**
45601 N. 47th Avenue
Phoenix, AZ 85087-7042
Phone: (623) 465-7356
Fax: (623) 465-9409