



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

| A PURCHA | ASE ORDER OR CRED | II CARD MO | ST BE UN F | ILE AT THE | START OF EACH TE | :31 | | | |
|--------------------------------------------------------------|------------------------|----------------|---------------|-------------|--------------------|-----|--|--|--|
| SPECIMEN I | NFORMATION: | | | | | | | | |
| Number of Specim | nens: Number of Contro | ol Specimens: | | | | | | | |
| Specimen Sizes: | Exposure Duration: | Specimen | Description: | | | | | | |
| EXPOSURE | TYPES: | | | | | | | | |
| ASTM G90 | ☐ EMMAQUA® (Cycle 1) | | | | | | | | |
| | ☐ EMMA® (Cycle 2) | | | | | | | | |
| | ☐ EMMAQUA® NTW (Cy | cle 3) | | | | | | | |
| Specialty Exposure | ☐ UA-EMMAQUA® (Ultra | Accelerated) | □Cycle 1 | □Cycle 2 | □Cycle 3 | | | | |
| Specialty Exposure | ☐ LT-EMMAQUA® (Low 1 | Temperature) | □Cycle 1 | □Cycle 2 | □Cycle 3 | | | | |
| ASTM D4141 | ☐ EMMAQUA® NTW | | AST | M D4364 □ | EMMA® | | | | |
| | | | | | EMMAQUA® | | | | |
| | | | | | EMMAQUA® NTW | | | | |
| ASTM D5722 | ☐ SOAK-FREEZE-THAW | I | | | | | | | |
| AAMA 624 & AAM 625 ☐ EMMAQUA® NTW (with Temperature Control) | | | | | | | | | |
| SAE J1961 | ☐ EMMAQUA® NTW |] EMMA® | | | | | | | |
| TEMPERATUR | E CONTROL OPTIONS: | | | | | | | | |
| □STATIC TEM | PERATURE CONTROL: | °C Tem | perature | | | | | | |
| □NIGHT TEMP | PERATURE CONTROL: | °C Temp | erature From: | To: | Hours of Operation | | | | |
| DYNAMIC TE | MPERATURE CONTROL | .: Remo | te Sensor Loc | ation °C | Offset Temp. | | | | |
| □VARIABLE IF | RRADIANCE: Numb | per of Mirrors | | | | | | | |
| SPECIAL EXPO | SURE INSTRUCTION: | | | | | | | | |
| MOUNTING | METHOD | | SIDE FAC | ING SUN | | | | | |
| ☐ Open Backed | d □ Plywood Backed | | □ Coded □ |] Uncoded [|] | | | | |

Evaluation Services

| Type of Service | Initial Weekly | Monthly Fi | nal Radiatior | Other (p | lease specify) | | | | | |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------|------------------|--------------------------|--|--|--|--|--|
| □ Washing | | | | | | | | | | |
| ☐ Visual Inspection☐ Instrumental Color | | | | | | | | | | |
| ☐ Instrumental Gloss | | | | | | | | | | |
| Film Thickness | | | | | | | | | | |
| ☐ Distinctness of Image☐ Optical Properties | | | | | | | | | | |
| ☐ Photography | | | | | | | | | | |
| ☐ Temperature Monitoring | | | | | | | | | | |
| ☐ <u>Washing</u> Type: | ☐ A (DI Water) | ☐ B (Mild De | tergent) 🗌 C (W | ash with Polish) | Field Rinse | | | | | |
| Area: | ☐ Entire Surface ☐ Top ☐ Bottom ☐ Right Side ☐ Left Side ☐ Other | | | | | | | | | |
| ☐ <u>Visual Inspection</u> | | | | | | | | | | |
| ☐ 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 | | | | | | | | | |
| | | | | ∐ Tape Adnesi | ion (ASTM D3359) □ A □ B | | | | | |
| ☐ Other (Special Ins | ructions/Specific Deg | gradation intere | est): | | | | | | | |
| ☐ <u>Instrumental Color</u> | Color Space: | ☐ CIELAB | ☐ Hunter L,a,b | ☐ CIE X,Y,Z | □Other | | | | | |
| | Illuminant: | ☐ D65 | □с | □ A | Other | | | | | |
| | Observer: | ☐ 10° | ☐ 2° | | | | | | | |
| | Geometry: | 0/45 | Sphere | Specular Com | ponent: | | | | | |
| | | | | | | | | | | |
| ☐ <u>Instrumental Gloss</u> | Geometry: | ☐ 20° | ☐ 60° | □ 85° | | | | | | |
| ☐ Optical Properties | ☐ <u>Transmittanc</u> | <u>e</u> : □ UV | ☐ Visible | □NIR | ☐ Solar | | | | | |
| | Reflectance: | □UV | ☐ Visible | □NIR | Solar | | | | | |
| | ☐ <u>Total Emittance</u> | | | | | | | | | |
| | ☐ <u>Haze</u> | ☐ <u>Clarity</u> | ☐ Shading | Coefficient | | | | | | |
| ☐ <u>Photography</u> | ☐ Digital | ☐ 35mm | | | | | | | | |
| ☐ Specimen Tempera | ature Monitoring | 1 | | | | | | | | |
| Thermocouple Type: | | | | | | | | | | |
| Number of Thermocouples: | | | | | | | | | | |
| Data Collection Reporting Parameters: ☐ Hourly (☐ Max ☐ Min ☐ Avg) ☐ Daily (☐ Max ☐ Min ☐ Avg) ☐ Other | | | | | | | | | | |
| Location of Therr | nocouple Installatio | on: | | | | | | | | |
| | | | | | | | | | | |
| ☐ Return Shipping Carrier: ☐ UPS ☐ Fed Ex ☐ Other | | | | | | | | | | |
| ☐ Ship to: DSET Laboratories | | | | | | | | | | |
| | | N. 47 th Avenue k, AZ 85087-70 | 42 | | | | | | | |
| Phone: (623) 465-7356 Fax: (623) 465-9409 | | | | | | | | | | |