PIMA COUNTY
PROCUREMENT DEPARTMENT
DESIGN & CONSTRUCTION DIVISION • 130 W. CONGRESS STREET, 3RD FLOOR • TUCSON, ARIZONA 85701-1317
TELEPHONE (520) 724-3731 • FAX (520) 724-4434

June 24, 2016

ADDENDUM NO. 4

SOLICITATION NO. 220377 PANTANO WASH BANK PROTECTION AND RIVER PARK PHASE III: TANQUE VERDE ROAD TO FORT LOWELL PARK (5PWFLT)

This Addendum addresses questions from June 16, 2016 through to 3:00 pm, June 24, 2016. This Addendum shall be incorporated and made part of the Bid Documents as though included therein. **This addendum is 6 pages.**

QUESTIONS/CLARIFICATIONS/REQUESTS FOR INFORMATION:

Changes to bid documents:

1) **NOTICE OF INVITATION TO BID:**

CHANGE:

From:

BID DUE DATE/TIME: **June 30, 2016, at or before 2:00 PM Local Tucson Time**
LOCATION: Procurement Department, 130 W. Congress Street, 3rd Floor, Tucson, AZ

To:

BID DUE DATE/TIME: **July 6, 2016, at or before 2:30 PM Local Tucson Time**
LOCATION: Procurement Department, 130 W. Congress Street, 3rd Floor, Tucson, AZ

2) **SPECIAL PROVISIONS:**

a. Add General Note #30 to Special Provisions as follows:

The contractor shall work with and include in their schedule work with other contractors that the owner may employ for the completion of the project goals. These additional contractors may include but not be limited to Public Artist, archeologist, environmental hazard specialist and biologist. The contractor shall provide these other contractors access to the project and coordination; these activities shall be considered incidental to and included in related work items at no cost to the owner.

b. Revise Sub-section 2.02 Galvanized Metal Decking of Item 6047000-Prefabricated Steel Truss Pedestrian Bridge on page SP-76 to *Stay-in-place metal decking shall be 16-gage steel with 1 ½ inch depth (maximum) and conform to ASTM A653 (G90). Galvanizing shall be of a hot-dip process only.*

3) **PLAN SHEETS:**

a. Replace Landscape Plan Sheet L-16 (68 of 140) with the attached drawing for the location of the 24" box trees and referenced in the revision box "Addendum #4 - 24" Box Trees, dated 6/23/16". (ATTACHMENT 1)(1 PAGE)

b. Revise Pedestrian Bridge General Notes- Camber and Deflection A) on sheet PB1 (103 of 140) to stated that *the vertical deflection shall not exceed 1/600th of the bridge span.*

4) **CLARIFICATIONS/REQUESTS FOR INFORMATION:**

1. Q) Sheet PB3 (106 of 140), Detail 1 – Bridge Sections, states to see Artwork Drawings for additional details of the artwork. Upon review of the plans and the sheet index, Artwork Plans do not seem to be included. Can you please provide these plans? The depth of the artwork is required to determine the radius of the top chord. Additionally the load of the artwork panels will require in order to adequately price the bridge structure.

   A) *See Attachment 2- Artwork Drawing and material specification for Contractor information only; the information provides additional details regarding the artwork. The Artist will provide and install the artwork as depicted in Attachment 2. The construction contractor is to provide the bridge as noted in the plan sheets PB1 to PB3. The artwork consists of two panels per beam plus associated hardware; the Artist estimates the weight of the artwork plus hardware to be 275 lbs. per beam.* (ATTACHMENT 2) (3 PAGES)

2. Q) On sheet PB1 (103 of 140) under the Prefabricated Bridge Unit of the Pedestrian Bridge General Notes, Item G) states "the underside of the bowstring arched top chord shall be 14'-6" clear (minimum) as measured to the concrete deck surface at the centerline of the bridge span." This requirement will add significant cost to ship the bridge. We ask that the minimum clear from the deck to the underside of the top at the center of the bridge only be governed by the 10' minimum clear at the extents of the Artwork Panel Zone.

   A) The design criteria which governed the overhead clearance on the arched bridge structure is 10' minimum clearance, which for this project is from the lowest point on the underside of the artwork to the bridge deck. The artwork panel zone as depicted on the structural drawings is a zone as defined as 25'-6" centered on the bridge span. During the design phase we estimated that these clearance requirements and an estimated depth of artwork of 3 feet would define an arch radius requiring approximately 14'-6" clear from the underside of the bowstring arch to the concrete deck surface. If the bridge supplier can provide an arched bridge structure that can meet the design clearance criteria governed only by the 10' minimum clear at the extents of the artwork plane zone, then in our opinion this is acceptable and the 14'-6" clearance may be reduced accordingly.

3. Q) Under the Pedestrian Bridge General Notes on sheet PB1 (103 of 140) it is stated that the vertical deflection shall not exceed 1/360th of the bridge span. On sheet SP-77 of the special provisions in Section 3.01 the maximum vertical deflection is stated to not exceed 1/600 of the bridge span. Which limit is to be followed?

   A) The special provisions requirement on page SP-77 Section 3.01 that the maximum vertical live load deflection is stated to not exceed 1/600 of the bridge span shall govern.

4. Q) Section 2.02 on page SP-76 calls for the form decking to meet G165 and to be hot dip galvanized. Our standard form deck meets G90 and we have found that using the hot-dip process to galvanize the form decking causes them to warp. Below is a copy of the specification that our form deck conforms to, we ask that the form deck be allow to be supplied per these standards.

   A) *The form deck material shall be supplied in accordance with ASTM A653 and galvanized to a minimum G90 coating weight. See change to Special Provision above.*

5. Q) Could we use our engineered lightweight fill Insulfoam GF in lieu of the 10,630 lineal feet of decomposed granite?

   A) *Insulfoam GF is not an acceptable substitute for Item 8030024 Decomposed Granite for Pathway and Equestrian Parking Area Construction, 12,218 S.Y.*

6. How long is the training for the Data Tracking System? – SP-6

   A) *The training for the Data Tracking System (DTS) will take approximately 2 hours including responding to questions. Psomas will provide the web address and login information that is specific to each user that the contractor will add to his field office computers so that Request for Information (RFI), material certification and submittals, and other construction related documents will be submitted and tracked electronically*

7. Q) Are the vertical curb, concrete header, shotcrete channel, and post barricades, shown on the details for scuppers 1-5, all paid for under the scupper item?

   A) *Yes the vertical curb, concrete header, shotcrete channel, post barricades and other items per the location and details in the project plans. The Basis of Payment for the scuppers on SP-156 notes the accepted quantity for each scupper will be paid for at the contract lump sum price, complete in-place, including grading, backfill, subgrade preparation, vertical curb, concrete header, and concrete inlet and outlet per the project plans.*

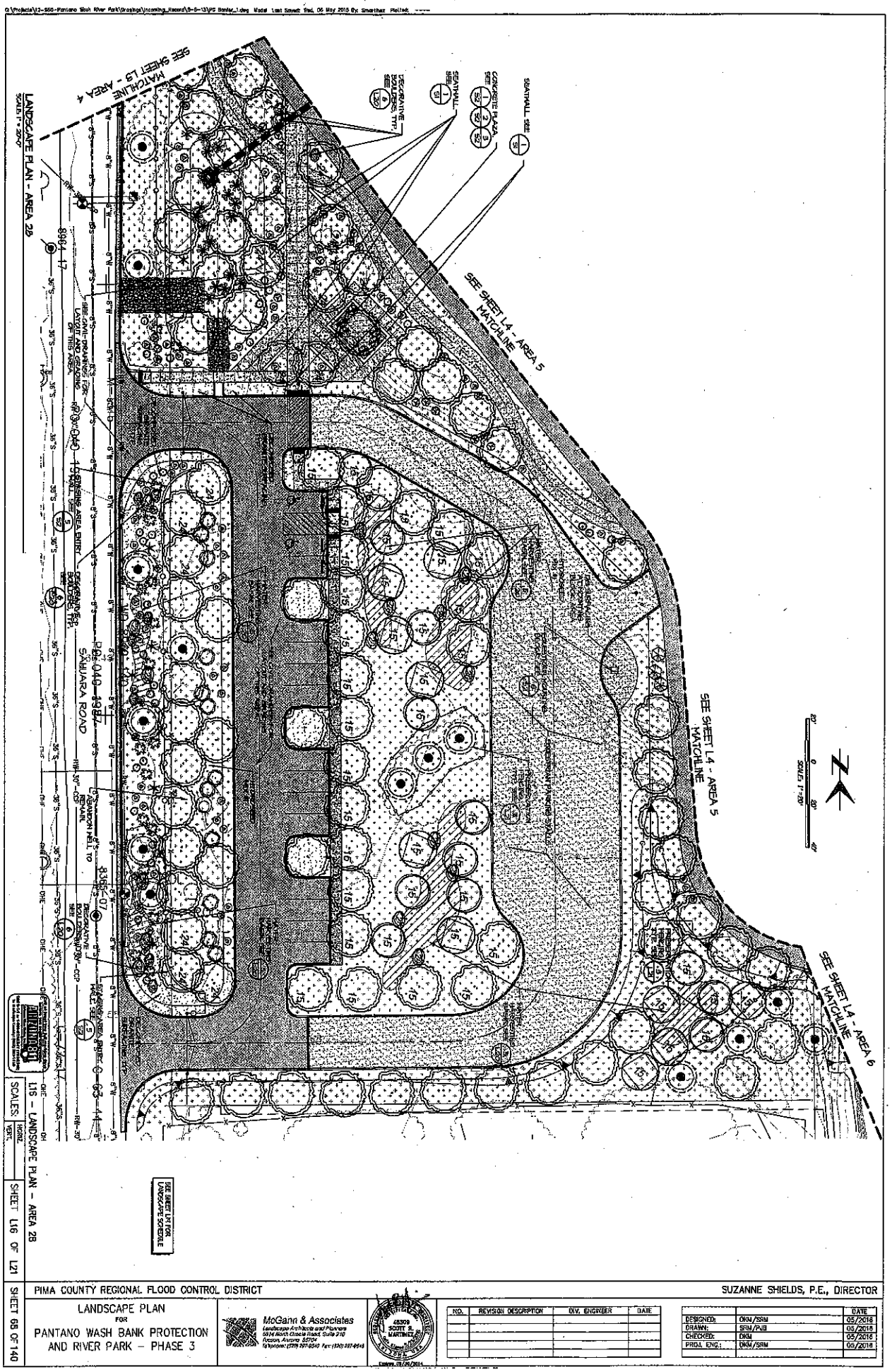
All other requirements and terms of the Solicitation remain unchanged. Respondents are required to certify receipt of this addendum in their Bid Proposal. Failure to do so may result in declaration of the bid as non-responsive.

All questions shall be addressed in writing to Anthony V. Schiavone, Commodity/Contracts Officer, email anthony.schiavone@pima.gov or fax number 520-724-4434. Please submit them no later than Tuesday, June 28, 2016. Any questions submitted after the 28th might not get a response.

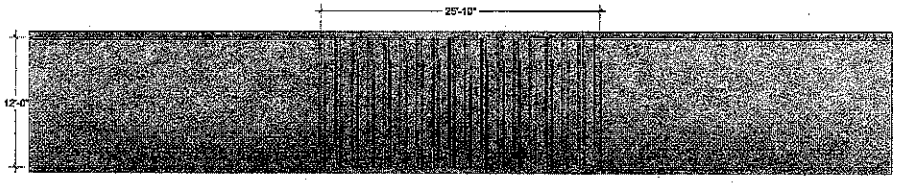
/s/Anthony V. Schiavone

Anthony V. Schiavone – Commodity/Contracts Officer

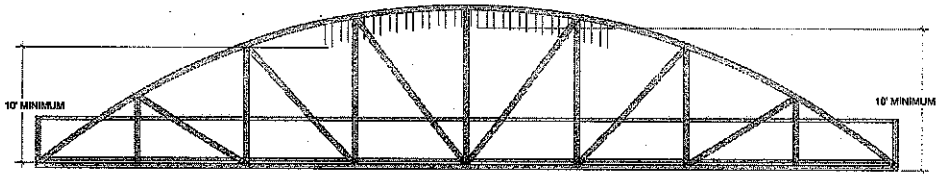
(ATTACHMENT 1) (1 PAGE)



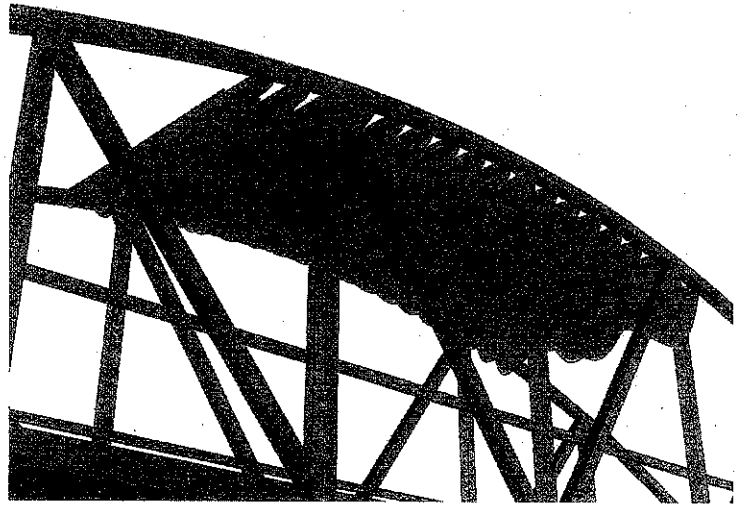
(ATTACHMENT 2) (3 PAGES)



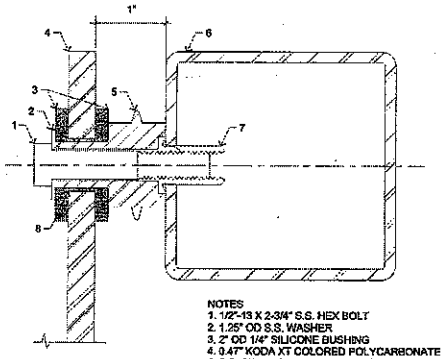
1 BRIDGE - TOP
SCALE: 3/16" = 1'-0"



2 SIDE ELEVATION
SCALE: 3/16" = 1'-0"

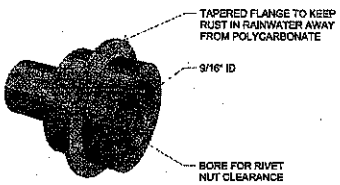


3 PERSPECTIVE
SCALE: NTS

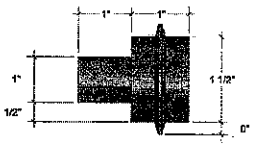


NOTES
1. 1/2"-13 X 2-3/4" S.S. HEX BOLT
2. 1.25" OD S.S. WASHER
3. 2" OD 1/4" SILICONE BUSHING
4. 0.47" KODA XT COLORED POLYCARBONATE
5. S.S. STANDOFF
6. ARTWORK SUPPORT BEAM (HSS 4X4X3/16)
7. 1/2"-13 HEAVY DUTY RIVET NUT
8. 3/4" ID 7/8" OD SILICONE BUSHING

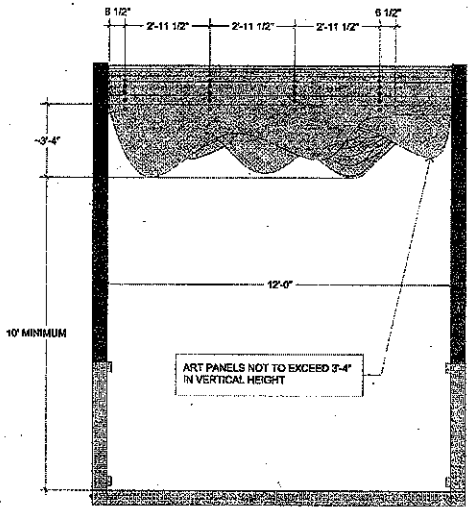
4 ATTACHMENT SECTION
SCALE: 1'-0" = 1'-0"



5 STANDOFF DETAIL-PERSPECTIVE
SCALE: NTS



6 STANDOFF DETAIL
SCALE: 1'-0" = 1'-0"



7 FRONT ELEVATION
SCALE: 1/2" = 1'-0"

Creative Machines Inc
3113 E. Columbia St.
Tucson AZ 85714

toll free 800 861 7937
local 520 294 0939
fax 520 294 0848

www.creativemachines.com

COLOR WASH

Public Art by Joe O'Connell and Blessing Hancock

HISTORY	
DRAWN BY: ADAN BANUELOS	
DATE DRAWN: MAR 11, 2015	
REVISIONS:	
APR 10, 2015	AB

NOT YET REVIEWED BY ENGINEER

PANEL LAYOUT

CW.LO.1

PRODUCT SPECIFICATIONS: KODA XT Polycarbonate Panels

3form koda XT™

Product Description

3form Koda XT offers color, durability and design freedom for the most extreme environments and applications. These panels exhibit the highest performance of any engineered resin panels. Color, finish, and translucency coupled with endless shaping options, Koda XT is the perfect medium for your exterior architectural application.

A product line developed specifically for exterior projects, Koda XT has the added benefits of being constructed from polycarbonate, which is both environmentally responsible and high-performing.

FEATURES AND BENEFITS

- Form and shape to create eye-catching installations
- Extremely tough, allowing for easy fabrication and maximum installed durability
- Extremely versatile, enabling designers to achieve full design potential
- Lightweight, half the density of glass, making for easier installation and reducing structural support requirements
- Good chemical resistance, reducing potential harm incurred by cleaning agents

AVAILABLE COLORS

STANDARD

Crystal Clear **Glass Green**

C3 COLOR SYSTEM

3form Koda XT can be combined with any of the C3 colors in as few as one panel. Use the C3 Color Matching System to create over 10,000 colors.

CUSTOM COLORS

Koda XT can be customized to match nearly any translucent or transparent color (minimums may apply).

TEXTURES/PATTERNS/FINISHES

Koda XT comes standard with a polished front and back finish.

3form provides the option of substituting between 4 optional finishes. In most cases, you can even pick different front and back finishes. Finishes include:

- **Patent** - A high gloss finish with highest light transmission
- **Patina** - A non-glare finish with smooth appearance
- **Sandstone** - A durable finish with subtle texture
- **Stucco** - A durable finish with a pebbled texture
- **Vellum** - A random brushed finish similar to 3form renewable matte

PANEL SIZES AND TOLERANCES

3form Koda XT panels are offered in standard 4' x 8' (1.2 m x 2.4 m) and 4'x10' (1.2m x 3.0m) sizes. Custom lengths and widths up to 12' long and 6' wide are possible. All dimensions and squareness (standard with custom) are subject to a 3/16" (4.7 mm) tolerance.

Standard thickness of Koda XT is 1/2" (12.7 mm) and 1/4"* (6.3 mm).

*1/4" Koda XT is only available in Crystal Clear.

STANDARD COLORS

NOMINAL THICKNESS GAUGE	MINIMUM ALLOWANCE GAUGE	MAXIMUM ALLOWANCE GAUGE
1/2" (12.7 mm)	0.427" (10.85 mm)	0.500" (12.7 mm)
1/4" (6.3 mm)	0.212" (5.38 mm)	0.290" (6.6 mm)

C3 COLOR SYSTEM & CUSTOM COLORS

NOMINAL THICKNESS GAUGE	MINIMUM ALLOWANCE GAUGE	MAXIMUM ALLOWANCE GAUGE
1/2" (12.7 mm)	0.451 (11.45 mm)	0.595 (14.86 mm)

Sheet tolerance readings are based on an average of several measurements along both long edges of each panel. These measurements are taken 2-3 inches (50-75 mm) from the edges of the panel.

Custom gauges of Koda XT are possible. Your 3form Sales Representative can assist you with questions regarding custom gauges for your application.

FLATNESS TOLERANCE

Koda XT panels shall not have distortion in the form of a wrinkle, twist or scallop along the perimeter of the sheet. Overall warp extending across the sheet is permitted to a maximum of 9/32" (7.1 mm) for each 48" (1.2 m) or fraction thereof. Panel is to be measured when laying horizontally under its own weight on a flat continuous surface.

Specifications

FLAMMABILITY & SMOKE TEST RESULTS – BUILDING CODE APPROVALS

Koda XT panels have been independently tested and meet the criteria for approved interior finishes and light transmitting resin materials as described in the 2009 International Building Code®.

TEST	3FORM KODA XT	RESULT
ASTM D 2843 Smoke Density	48.9	PASS Below 75
ASTM D 635 Flame Spread	Self extinguishing	PASS CC1
ASTM D 1929 Self-Ignition Temperature	1004°F	PASS Greater than 650°F
ASTM E84-09 Flame Spread, 1/4" thickness Smoke Developed	65 450	Class B: 26-75 Class B: ≤450
ASTM E84-09 Flame Spread, 1/2" thickness Smoke Developed	55 400	Class B: 26-75 Class B: ≤450
CAN/ULC 102.2 Flame Spread, 1/2" thickness Smoke Developed	37 280	N/A N/A

PANEL WEIGHT

THICKNESS (INCHES)	WEIGHT FLUX (LB/FT²)
1/2" (12.7 mm)	3.1 lb/ft² (15.1 kg/m²)
1/4" (6.3 mm)	1.5 lb/ft² (7.31 kg/m²)

EXPANSION/CONTRACTION ALLOWANCES

Like all resin products, 3form Koda XT will expand and contract nominally with fluctuations in temperature. The following formula provides allowances that should be made in framed or fitted applications:

- Longest length of panel (inches) x temperature change of the sheet (°F) x 0.00004 = Amount of Linear Expansion/Contraction (inches)

example:

- 48" x 96" panel that experiences a 100°F temperature change will expand/contract: 96 inches x 100 degrees°F x 0.00004 in/in °F = 0.384 inches (expansion)

Allowances should also be made in the following situations:

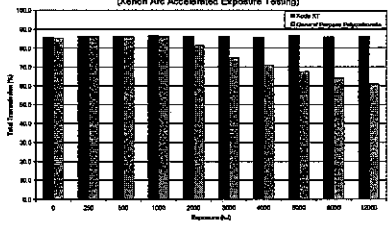
- Fastening points
- Channel depths in frames
- Holes for standoffs and other hardware
- Meeting points for multiple sheets of 3form Koda XT

ULTRAVIOLET EXPOSURE PERFORMANCE

3form Koda XT panels incorporate ultraviolet stabilization technologies that are proven to maintain aesthetics and performance. The following charts provide an overview of the effectiveness of the UV stabilization technology that is incorporated with 3form Koda XT panels.

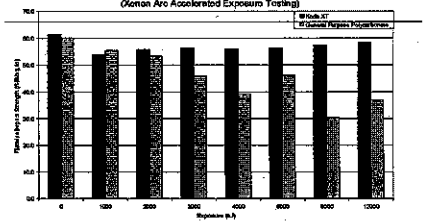
One important characteristic of a materials performance is the ability to maintain consistent aesthetics. The following chart demonstrates the performance of both Koda XT and unstabilized polycarbonate in terms of maintaining consistent light transmission. It is shown that the 3form Koda XT with UV stabilization exhibits excellent performance following 12,000 kJ of exposure (representing approximately 10-years outdoor Florida exposure).

3form Koda XT Color Stability - Light Transmission
(Xenon Arc Accelerated Exposure Testing)



Another important factor to consider is the ability of a material to maintain its physical integrity after exposure to solar radiation. The following chart shows how the impact strength is maintained after 12,000 kJ of accelerated exposure of Koda XT.

3form Koda XT Property Retention - Flatwise Impact
(Xenon Arc Accelerated Exposure Testing)



DEFLECTION

3form Koda XT will exhibit different amounts of deflection given a variety of factors; fastening techniques, loads, panel thickness and panel dimensions to list a few. The 3form Technical Help desk can assist you with general deflection guidelines for your application with the Koda XT Deflection Charts technical white paper. If your application has specific engineering requirements, please contact the 3form Product Technology team for additional direction.

HEAT FORMING/COLD BENDING

3form Koda XT C3 cannot be heat formed. Only the standard colors (Crystal Clear, Glass Green) of Koda XT are able to be heat formed.

3form Koda XT can be cold bent for simple bends and curved areas. As a rule, a minimum radius of 1000 times thickness is acceptable for Koda XT.

KODA XT THICKNESS	MINIMUM COLD BEND RADII
1/2" (12.7 mm)	500" (1270 mm)
1/4" (6.3 mm)	250" (635 mm)

EDGE FINISHING

Edges of 3form Koda XT panels are able to be machined or routed into a variety of different forms. In addition to a straight edge, edges may accept beveling, rounding, etc. Additional finishing, such as sanding or polishing, can also be provided to some edges.

SOUND TRANSMISSION CLASS (STC) VALUES FOR KODA XT

- Measurement protocol: ASTM E 90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements

KODA XT THICKNESS	STC VALUES
1/2" (0.500")	34

Selected Mechanical and Physical Properties for 3form Koda XT

		TYPICAL VALUE			
		0.118" (3 MM)		0.239" (6 MM)	
PROPERTY*	ASTM METHOD	SI	U.S.	SI	U.S.
GENERAL					
Density	D 1505	1,200 kg/m³	0.043 lb/in³	1,200 kg/m³	0.043 lb/in³
Water Absorption	D 570 23°C (73°F), 24h Immersion	0.15%	0.15%	–	–
MECHANICAL					
Tensile Stress @ Yield	D 638	62 MPa	9,000 psi	–	–
Tensile Stress @ Break	D 638	65.5 MPa	9,500 psi	–	–
Elongation	D 638	110%	110%	–	–
Tensile Modulus	D 638	2,344 MPa	340,000 psi	–	–
Flexural Modulus	D 790	2,380 MPa	345,000 psi	–	–
Flexural Strength	D 790	93 MPa	13,500 psi	–	–
Compressive Strength	D 695	85 MPa	12,500 psi	–	–
Compressive Modulus	D 695	2,380 MPa	345,000 psi	–	–
Shear Strength, Ultimate	D 732	69 MPa	10,000psi	–	–
Shear Strength, Yield	D 732	41 MPa	6,000 psi	–	–
Shear Modulus	D 732	786 MPa	114,000 psi	–	–
Rockwell Hardness	D 785	M70/R118	M70/R118	–	–
Safety Glazing	ANSI 97.1	PASS		PASS	
Izod Impact Strength, Notched	D 256 @ 32°F	747 J/m	14 lb/in.	62 J/m	1.2 lb/in.
Impact Strength, Unnotched	D 4812 @ 32°F	3,202 J/m No Failure	60 lb/in. No Failure	–	–
Impact Resistance—Puncture, Energy @ Max. Load	D 3763 @ 32°F	>61 J	>45 lb-ft		
Miami-Dade Notice of Acceptance (NOA)				NOA No. 12-0120.01	
THERMAL					
Continuous Max Use Temperature - Standard and Custom Colors	–	100°C	210°F	100°C	210°F
Continuous Max Use Temperature - CG Colors	–	93°C	200°F	93°C	200°F
Heat Deflection Temperature	D648 @ 66psi	137.7°C	280°F		
Forming Temperature	–	163-182°C	325-360°F	163-182°C	325-360°F
Thermal Conductivity	ASTM C 177	0.195 W/m*K	1.35 Btu*in/ hr*ft²*°F	0.195 W/m*K	1.35 Btu*in/ hr*ft²*°F
Coefficient of Thermal Expansion	ASTM D 696	6.75 x 10⁻⁵ m/m/°C	3.75 x 10⁻⁵ in/in/ °F	6.75 x 10⁻⁵ m/m/°C	3.75 x 10⁻⁵ in/in/ °F

* Unless noted otherwise, all tests are run @ 23°C (73°F) and 50% relative humidity, using specimens machined from extruded sheeting with a thickness as indicated.

**Nonbreak as defined in ASTM D 4812 using specimens having a thickness as indicated. Properties

Chemical Resistance of 3form Koda XT to Select Compounds

6 DAY FULL IMMERSION TESTING @ 73°F (23°C)

Polymer materials are affected by chemicals in different ways. Changes in performance or appearance can be attributed to fabrication methods, exposure conditions, concentration of chemical substances or exposure duration. Such factors can even influence the final effect of substances that 3form Koda XT is considered "Resistant" to under test conditions. Further details are explained below:

FABRICATION

Stresses generated from sanding, grinding, drilling, polishing, machining, sawing and/or forming (hot or cold).

EXPOSURE

Exposure duration, stresses imparted during the application life-cycle due to loads, temperature changes, heat, environments, etc.

APPLICATION OF CHEMICALS

Application from contact, rubbing, wiping, spraying, soaking, etc. Also having an effect is the relative concentration of the chemical in question.

The following data is based on complete immersion of Koda XT in the chemical or reagent shown. Samples remained immersed and were stored at 23°C (73°F) for a period of six days. Following the test period the samples were removed from immersion and inspected. This table represents the changes in appearance of the immersed samples over the testing period.

The following table provides indicative performance of the chemical resistance characteristics of Koda XT. The following codes are used to describe the chemical resistance characteristics:

R = RESISTANT

3form Koda XT is able to withstand the identified compound for long exposure periods (6 days, full immersion)

LR = LIMITED RESISTANCE

3form Koda XT is only resistant when in contact with this compound for short periods at room temperature. It is advised that further determination of the effect of the substance be further tested in your particular application.

NR = NOT RESISTANT

3form Koda XT is not resistant to the compound. The material will swell, craze, haze, dissolve or experience some physical change when exposed to this substance.

REAGENT	RESULT	REAGENT	RESULT
Acetic Acid, 10% in water	R	Acetone	NR
Ammonia, 0.1% in water	NR	Ammonium Nitrate, 10% in water	R
Benzene	NR	Benzine (no aromatic hydrocarbons)	R
Butyl Acetate	NR	Carbon tetrachloride	NR
Chloroform	NH	Citric Acid, 10% in water	H
Dibutyl phthalate	NR	Diethyl ether	NR
Dimethyl formamide	NR	Dioctyl phthalate	NR
Dioxane	NH	Ethanol, 100%	H
Ethyl Acetate	NR	Ethylene chloride	NR
Ethylene glycol, 1:1 with water	R	Glycerin	NR
Heptane	H	Hydrochloric Acid, 10% in water	H
Hydrogen Peroxide, 30% in water	R	Iron (III) chloride, saturated solution	R
Isooctane (2,2,4-trimethyl pentane)	R	Isopropanol (pure)	R
Methanol	NH	Methyl Ethyl Ketone	NH
Methylamine	NR	Methylene chloride	NR

REAGENT	RESULT	REAGENT	RESULT
Nitric Acid, 10% in water	H	Phenol	NH
Ozone, 1% in air	NR	Paraffin, paraffin oil, free from aromatic hydrocarbons	R
Phosphoric acid, 1% in water	R	Propane	R
Silicone Oil	H	Sodium Carbonate, 10% in water	H
Sodium Chloride, 10%	R	Sodium Hydroxide, 1%	NR
Sodium Nitrate, 10% in water	R	Styrene	NR
Sulfuric Acid, 10% in water	H	Tetrachloroethene	NH
Tetrachloroethylene	NR	Trichloroethylene	NR
Tricresyl Phosphate	NR	Triethylene Glycol	R
Xylene	NH		

Cleaning Instructions

3form Koda XT, like all thermoplastic resin materials, should be cleaned periodically. A regular, quarterly cleaning program will dramatically help prevent noticeable weathering and dirt build-up.

Rinse the sheets with lukewarm water. Remove dust and dirt from Koda XT with a soft cloth or sponge and a solution of mild soap and/or liquid detergent in water. A 50:50 solution of isopropyl alcohol and water also works well. Rinse thoroughly with lukewarm water.

Always use a soft, damp cloth to blot dry. Rubbing with a dry cloth can scratch the material and create a static charge. Never use scrapers or squeegees on Koda XT. Also avoid scouring compounds, gasoline, benzene, acetone, carbon tetrachloride, certain deicing fluids, lacquer thinner or other strong solvents.

DO NOT:

- Use a squeegee.
- Strong solvents, highly alkaline or abrasive cleaning agents.
- Clean in hot sun or elevated temperatures.
- Rub with a dry cloth.

PRESSURE WASHING

Pressure washing can also be an effective way to remove miscellaneous debris from surfaces of 3form Koda XT installations.

Pre-soak panels with a light water spray to loosen and remove incidental surface debris.

It is recommended that the water pressure for cleaning Koda XT panels be 1,500 psi or less. 3form Koda XT is a tough material but can be damaged if high pressure is concentrated in a single position too long. Use a gradual sweeping motion over the application. Never concentrate water spray in a single position. Pressure nozzle should never be positioned closer than 8" (203 mm) from the panel surface.

Always test a portion of the sheet first before spraying. If test piece shows any sign of material fatigue, abrasion or delamination – discontinue pressure washing and proceed with manual cleaning instructions as described above.

Coated or painted parts are not suitable for pressure washing as finish may be stripped off. Pressure washing is not suitable for Koda XT panels that have been seamed or sealed. If using detergent, use mild detergents only. Rinse sheet with light water spray after washing.

DO NOT:

- Concentrate spray in single position.
- Use more than 1,500 psi pressure.
- Position pressure nozzle closer than 8" (203 mm) from panel.
- Proceed with pressure washing if test piece shows detrimental effects to panel.
- Pressure wash Koda XT panels that have been painted or coated to maintain coating integrity.

If debris or dirt is not removed by pressure washing attempt to clean with manual procedures described in preceding section.

IMPORTANT

If a cleaning material is found to be incompatible in a short-term test, it will usually be found to be incompatible in the field. The converse, however, is not always true. Favorable performance is no guarantee that actual end-use conditions have been duplicated. Therefore, these results should be used as a guide only and it is recommended that the user test the products under actual end-use conditions.

For more information, please visit 3-form.com or call 877-649-2670.