

LABORATORY FURNITURE – PART 1

Workstations for Parts Recovery, Parts Processing, Reclamation, Wet and Electronics Labs require durability and modularity to support these tasks for many years. With an extensive history in these environments (>30 years) the proposed system is ideally suited for long-term service. The stations can be quickly configured and reconfigured to meet requirements of the various activities. The following are workstation specifications:

1.01 GENERAL FRAME HARDWARE

All frames shall have the following components: 2" x 2" shall be 14-gauge HRPO steel tubing; the Hanger Shell trim shall be 18-gauge cold-rolled steel and epoxy powder coated in corresponding frame finish. The Hanger Frame shall be 14-gauge cold-rolled steel with a dark tone epoxy powder coat finish with slots at 1" increments for the suspension of system components. Wedge blocks shall be dark tone cast aluminum and shall permit assembly of frame to adjacent frame in conjunction with appropriate hardware. All hardware shall be riveted to end of the steel frames. All hardware shall be fastened with screws on fabric and laminate frames. The 2" diameter floor glides shall be dark tone ABS with 3" maximum height adjustment. The casters shall be a 4" polypropylene tread caster with brake and swivel lock with self-lubricating bearings.

A. ULTRAFRAME PANELS

The 48", 62" and 80" height by 24", 30", 48" and 60" wide frames shall have a 14-gauge steel tubing and 2" x 2" side stiles. The hanger frame shall be 14-gauge cold-rolled steel with slots at 1" increments for the suspension of system components. The frames will have the capacity of supporting 1,000 pounds per side. The 2" diameter floor glides shall be dark tone ABS with 3" maximum height adjustment with a minimum of two grounding points. Optional casters shall be a 4" polypropylene tread caster with brake and swivel lock and self-lubricating bearings. The finish shall be epoxy powder coat.

B. FABRIC PANELS

The Fabric panel frame shall be constructed of plywood stiles and rails. Core shall be a honeycomb construction cell of corrugated material. Frame and core shall be covered with 1/8" thick hardboard. Each side of the frame and core assembly shall be completely covered with upholstery fabric. The top edge shall be covered with a top cap that shall be 18-gauge cold-rolled steel. The hanger frame shall be 14-gauge cold-rolled steel with slots at 1" increments for the suspension of system components. Wedge blocks shall be dark tone cast aluminum and shall permit assembly of panel to adjacent panels or Panel End Covers. The 2" diameter floor glides shall be dark tone ABS with 3" maximum height adjustment. The finish shall be epoxy powder coat.

C. TABLE BASES, ELECTRIC

The Table Base shall have either the glide base or the caster base. The glide base shall be 7-gauge cold-rolled steel. The caster base shall be 7-gauge cold-rolled steel and shall mount on two 3" polypropylene tread casters with brake and swivel lock. The legs shall be composed of 6105-T5 aluminum. This electronic self-guided aluminum assembly shall have a 15" travel range, 26 1/2" to 41 1/2" to underside of top. The table shall be equipped with a 120 volt, 60 hz. motor, control box with rocker switch and a 9 ft. 120 VAC power cord. The motor shall be located in the Stretcher Tray, composed of 16-gauge cold-rolled steel. The Table Support Bracket shall be 7-gauge steel and shall provide for the mounting of a work surface. The finish shall be epoxy powder coat.

D. TABLE BASES, POSITIONABLE

The Table Base shall have either the glide base or the caster base. The glide base shall be 7-gauge cold-rolled steel. The caster base shall be 7-gauge cold-rolled steel and shall mount on two 3" polypropylene tread casters with brake and swivel lock. The legs shall be composed of 6105-T5 aluminum. This self-guided aluminum assembly shall have a 15" travel range, 26 1/2" to 41 1/2" to underside of top; The Stretcher Tray shall be composed of 16-gauge cold-rolled steel. The Top Bracket shall be 7-gauge cold-rolled steel and shall provide for the mounting of a work surface. The finish shall be epoxy power coat.

1.02 WORK SURFACES AND ACCESSORIES

A. SURFACES

Surfaces shall be 1¼" consisting of a 3-ply composition of high pressure laminate top sheet, high pressure laminate backer sheet and 1⅝" core material. Surfaces up to and 36" wide shall have 45 lb. density particle cores. Surfaces 48" and over shall have LSL (laminated strand lumber) cores.

B. ULTRA SURFACE WITH SQUARE VINYL EDGE BANDING

Corners shall be 1" radius and edges shall be finished with matching integral color vinyl square edge banding.

C. ULTRA SURFACE FULL ROUND

Corners shall be squared. The front edge shall be finished with matching integral color vinyl full radii molding. Sides and back shall have matching integral color 3mm edge banding.

D. DISSIPATIVE LAMINATE SPECIFICATIONS

Dissipative surfaces have Nevemar SDL dissipative grade laminate with a point and point-to-ground resistance of 10^6 to 10^9 ©/sq. at 10-60% humidity. Top sheet only.

E. SURFACE B FRAME SUPPORT BRACKET

The bracket shall be 7-gauge cold-rolled steel with a keyhole and round hole in the top that corresponds to the "pins" and "buttons" used in the surface allowing the top to attach without tools. An integral screw shall be provided for leveling the surface and a sheet screw for anchoring the surface to the support. The bracket shall attach to the B Frame with screws. The finish shall be epoxy powder coat.

F. WORK SURFACE CANTILEVER SUPPORT

The support shall be 12-gauge cold-rolled steel with integral multiple hooks. The support shall engage into the hanger frame without tools and is self-locking. There shall be a keyhole slot and round hole in the top that corresponds to the "pin" and "spacer" in the surface allowing the top to attach without tools. An integral screw shall be provided for leveling the surface and a sheet screw for anchoring the surface to the support. The finish shall be epoxy powder coat.

G. WORK SURFACE STRETCHER BAR

The Stretcher Bar shall be 11-gauge cold-rolled steel. It shall engage into the hanger frame by means of two 4¾" hanger clips and two screws. There shall be a round hole and keyhole slot in the top flange corresponding to the "pins" and "buttons" on the work surface allowing the top to attach without tools. The finish shall be epoxy powder coat.

H. WORK SURFACE BACK STOP

The Back Stop shall be 16-gauged cold-rolled steel. The top edge corners shall have a ⅝" radius. It shall attach to the underside of a surface by means of screws. The finish shall be epoxy powder coat.

I. GAP FILLER

The filler weldment shall consist of 16-gauge cold-rolled steel top welded to a 20-gauge cold-rolled steel U-form. The filler shall attach by means of a spring form fit. The finish shall be epoxy powder coat.

1.03 ESD GROUNDING HARDWARE

A. COMMON POINT GROUND

The plate shall be made from 12-gauge steel and nickel-plated.

B. CABLE KIT ASSEMBLY

The kit shall consist of an 8" cord, 20 AWG/single conductor jacket of TPE with reversed coiling and multi-stud ring terminals at each end and a screw for attaching.

C. LAMINATE GROUNDING TERMINAL KIT

The terminal shall be a 2 $\frac{3}{8}$ " bolt of nickel-plated 1010 steel. The top $\frac{1}{4}$ " shall be knurled to allow contact with the silver in the static dissipative laminate. The bottom shall be threaded to allow for attachment to surface with a washer and $\frac{1}{4}$ " Phillips head screw. An 8" cord consisting of 20 AWG/single conductor jacket TPE with reversed coiling and multi-stud ring terminals at each end shall attach to the bolt with a second Phillips head screw and to an appropriate path to ground.

D. WRIST STRAP GROUNDING KIT

The grounding block shall be composed of sand casted red brass nickel-plated with two 4mm receptacles for banana plugs. The block shall attach beneath the work surface with two pan head screws. An 8" cord consisting of 20 AWG/single conductor jacket of TPE with reversed coiling and multi-stud ring terminals at each end shall attach to the rear of the grounding block and to an appropriate path to ground.

E. GROUNDING CHAIN

The chain shall consist of $\frac{1}{4}$ " (6.3) diameter stainless steel balls with a $\frac{1}{4}$ " (6.3) eyelet that shall attach to frame or Table Bases.

1.04 LIGHTING AND ELECTRICAL

A. GENERAL TASK LIGHTS

The Task Light shall have a single T5 cool white fluorescent lamp, magnetic ballast, batwing lens, 9 ft. cord and two 19-gauge steel spring bars for mounting under shelf.

B. HANGER FRAME LIGHT HOLDERS

The Light Holder Center Mount Assembly shall consist of a $\frac{1}{4}$ " cold-rolled steel plate. The plate shall bolt to two 4 $\frac{3}{4}$ " hanger clips that shall engage into the hanger frames of two adjoining panels. An E-coated aluminum light holder arm shall attach to the steel plate. The Light Holder End Mount Assembly shall consist of a $\frac{1}{4}$ " cold-rolled steel plate. The plate shall bolt to a hanger frame at the end of a Riser or UltraFrame. An E-coated aluminum light holder shall attach to the steel plate.

C. ELECTRICAL OUTLET STRIP

The Multi-outlet Strip shall provide six 15 amp single receptacles. The appliance shall include a rocker switch with integral circuit breaker. The power cord shall be six foot SJT type with straight plug and neutral light or black finish. The outlet strip shall be UL and CSA approved.

D. ELECTRICAL PLUG STRIP, 15 AND 20 AMPS

The Electrical Plug Strip shall provide 4, 5, 6, 8, 10 or 15 single-circuit receptacles (15 or 20-amp). The housing shall be constructed of 18-gauge steel and completely enclose all wiring. The power cord shall be 12 ft. SJT type with straight plug. Electrical Plug Strips conform to ANSI/UL Std. 1363 and CSA C22.2.21. The finish shall be epoxy powder coat.

E. FRAME MOUNT CABLE DUCT

All Cable Ducts shall be formed of rigid PVC plastic that shall carry a U.L. flame rating of 94V.0. and feature 1" breakaway fingers. The Frame Mount Horizontal Duct shall attach with adhesive tape to a 16-gauge cold-rolled steel base plate. The base plate shall bolt to a 1 $\frac{5}{8}$ " hanger clip that shall engage into the hanger frame. The frame Mount Vertical Duct shall bolt to two 3 $\frac{3}{4}$ " hanger clips that shall mount into the hanger frame or the vertical duct shall bolt to a 16-gauge cold-rolled steel base plate. The base plate shall bolt to a 2" hanger clip that shall engage into the hanger frame. The Self Mount Vertical Duct shall attach with adhesive tape directly to the frame.

F. MODULAR 4-CIRCUIT ELECTRICAL DISTRIBUTION

The modular, pre-wired electrical raceway is comprised of a 4-circuit, 8 wire electrical system. It is UL listed as a manufactured wiring system (UL 183) and UL Recognized as an Office Furnishing Accessory (UL 1286). The system distributes up to four 20 Amp circuits using 20 Amp duplex receptacles. Available as a single- or double-sided service.

1.05 STORAGE AND DISPLAY COMPONENTS

A. MULTI-FUNCTION SHELF

The shelf shall be 16-gauge sheet steel. The shelf shall have 1" folded front and back lips with a ½" extension on one edge to form a backstop. A 16-gauge cold-rolled steel Z bar shall be welded to the underside. The brackets shall be 13- and 18-gauge cold-rolled steel with multiple hooks that provide shelf-locking hook-on installation into the hanger frame. The finish shall be epoxy powder coat.

B. STORAGE CABINET ASSEMBLY

The shelf pan shall be 16-gauge cold rolled steel with 1" folded back and front edges. The shelf shall be supported by two end panels composed of 13- and 18-gauge cold rolled steel. Top shelf shall be 16-gauge cold rolled steel. Cabinet door shall be 18-gauged cold rolled steel. The finish shall be epoxy powder coat.

1.06 COMPUTER SUPPORT COMPONENTS

A. KEYBOARD AND MOUSE TRAY

The keyboard tray shall be 19-gauge steel. The tray shall engage into a 16-gauge steel track. The mouse tray shall be 19-gauge steel. The finish shall be epoxy powder coat.

B. TOWER DOLLY

The tower dolly surface shall be 1¼" consisting of a 3-ply composition of high pressure laminate top sheet, high pressure laminate backer sheet and 1½" core material. The 3" twin-wheel polypropylene casters with locks shall mount by means of square top plate to base of tower dolly.

1.07 PRODUCT COMPOSITION

Symbiote Products	Composition
UltraFrames	2x2 and 2x3 14 Ga. H.R.P.O. steel tubing with 14 Ga. C.R.S. hanger frames and 18 Ga. C.R.S. hanger shells
Riser Frames	2x2 14 Ga. H.R.P.O. steel tubing with 0.25" thick C.R.S. mounting blades, 14 Ga. C.R.S. hanger frames and 18 Ga. C.R.S. hanger shells
C-Legs	1.5x3 14 Ga. H.R.P.O. steel tubing with 7 Ga. C.R.S. mounting straps
Rigid Corner Connectors	0.062" thick extruded 6005A-T5 aluminum
Panel Connectors	C.R.S. rod with 380 aluminum connecting hardware
End Covers	16 Ga. C.R.S.
Joiner Plates	7 Ga. C.R.S.
Double-sided Tackboards (24"-48" wide)	1/7" thick MDF sandwiched between two layers of 3/8" thick Industrial Insulation Board
Double-sided Tackboards (60" wide)	1/4" thick MDF sandwiched between two layers of 3/8" thick Industrial Insulation Board
Ultra Surfaces, Edge-band, Standard Laminate	27mm thick woodply with 0.050" thick HPL, 0.045" thick phenolic backer, and 2mm thick colored 9908 PVC edgeband
Ultra Surfaces, FR-Edge, Standard Laminate	27mm thick woodply with 0.050" thick HPL, 0.045" thick phenolic backer, 2mm thick colored 9908 PVC edgeband, and colored 90 durometer PVC bullnose t-edge
Surface B Supports	8 Ga. C.R.S.
Surface Cantilever Supports	13 Ga. C1020 Steel
Shelf Mount Light Brackets	20 Ga. C.R.S. bracket with 0.042" thick cold-rolled annealed spring steel mounting straps
Storage Shelves	16 Ga. C.R.S. shelf with side support weldments made of 13 Ga. and 18 Ga. C.R.S.
Storage Cabinet Assembly	16 Ga. C.R.S. shelf with side support weldments made of 13 Ga. and 18 Ga. C.R.S., 18 Ga. C.R.S. back, and 16 Ga. C.R.S. top and door
Electric Plug Strips, 15 amp	15 amp 110 volt electrical outlets encased in a 18 Ga. C.R.S. base and cover
Electric Plug Strips, 20 amp	20 amp 110 volt electrical outlets encased in a 18 Ga. C.R.S. base and cover
Task Light, Electric Ballast, Parabolic Lens	Electronic ballast lamps encased in a 20 Ga. C.R.S. shell
General Task Lights	Single bulb magnetic ballast lamp encased in a 20 Ga. C.R.S. shell
Vertical CPU Holder	Sliding mechanism with 0.125" thick steel support, soft straps and buckle closure
ErgoStat®	0.25" thick C.R.S. top brackets, 0.25" thick H.R.P.O. steel feet, extruded 6105-T5 aluminum alloy legs, and 16 Ga. C.R.S. stretcher
Cantilever Light Brackets	12 Ga. C.R.S.
Universal Cable Trays	18 Ga. C.R.S.
Pegboards	16 Ga. C.R.S. dimpled board with 14 Ga. C.R.S. brackets
Task Drawers	20 Ga. C.R.S. box and drawer with full extension ball bearing slides and individual key locks for each drawer; mounts to threaded inserts in surface with machine screws

LABORATORY CASEWORK – PART 2

2.01 MATERIALS

- A) All materials shall be of the highest quality, whether they be finished parts used in assembly, raw material, or materials and workmanship furnished by others, as part of the completed product.
- B) All steel used in the manufacture of metal casework shall be cold rolled, prime grade or better. Steel shall be inspected prior to fabrication and certified to be free of rust, pits, scratches or any other defects(s), which prevent parts from being made to blueprint specifications.

2.02 GAUGES

Gauge specifications for individual steel parts shall be as follows:

- | | | |
|----------------------------------|----------------------------------|------------------------|
| A) Aprons - 18 Ga. | Back Panels - 20 Ga. | Bottom Panels - 18 Ga. |
| Door & Drawer Outer Pan - 20 Ga. | Door & Drawer Inner Pan - 20 Ga. | Drawer Bodies - 20 Ga. |
| Legs, 2" Square Tube - 18 Ga. | Shelves - 18 Ga. | Side Panels - 18 Ga. |
| Table Frames - 18 Ga. | Shelf Support Brackets - 14 Ga. | |

2.03 CONSTRUCTION

- A) Cabinets shall be constructed of prime 18-gauge steel for the sides, backs, and toe space. 1" x 18-gauge steel tubing shall be used for the top front and back rails. Each front joint is to be welded and ground flush to provide a smooth surface. A 4' high X 3' deep toe space shall be standard. Four corners are to be fitted with a stamped and welded 14-gauge leveling gusset plate, and a plated leveling screw. Leveling screws are provided with a slot for easy adjustment, and non-marking nylon glides. Removable back panels shall be furnished on all cabinets. Cabinet bottom will be panned up to contain spills and removable for easy cleaning and maintenance.
- B) Base Cabinet Doors shall be double pan construction, with insulating material fastened to the inside for sound deadening and strength to prevent panning and bending. Hinges are five knuckle gauge stainless steel, fastened to both the door and cabinet frame with zinc plated steel screws. Door catches plated, friction roller type. Door closes onto nylon bumpers for noise dampening and over nylon spacers for alignment.
- C) Drawer Bodies shall be one-piece 20-gauge construction, fully coved on all four sides horizontally and formed out of one sheet of steel.
- D) Drawer Suspension: drawers shall operate on full extension, ball bearing, zinc plated, drawer suspension rated to withstand 10,000 cycles at 100 pounds.
- E) Shelves shall be constructed of 18-gauge steel, with channels formed on both the front and back edges. K & V shelf clips are made from 14-gauge steel, and are to be adjustable vertically in one-inch increments. Sliding shelves shall use the same ball bearing slides as drawer units.
- F) Fabricated Accessories required for specific installations shall be fabricated and finished to the same material and quality standards as the base units they will be made to compliment.
- G) Wall Cabinets shall be made to the same quality standards as base units with material used as noted above. Shelf hangers are to be constructed of 14-gauge steel, and to easily adjust vertically in one-inch increments. Shelves are to be constructed with channel type fronts and backs, as well as flanged ends with nylon button glides. Wall units to have open fronts, sliding glass, framed glass sliding and swinging, or sliding and

swinging steel doors as specified. Glass is plate, ground on all exposed edges. Sliding door units to be furnished with extruded top and bottom channels as well as ball bearing rollers. All wall units are to be furnished with hanger brackets for ease of installation.

- H) Floor units shall be made to the same quality standards as base units. Material used, as noted above. Shelves and shelf hanger construction are the same as wall units. Floor units are to be furnished with the same front and door configurations as the above described wall units.

2.04 FINISH

- A) All surfaces shall be painted or plated, whether they are exposed or not. Paint is to be a chemically resistant baked on epoxy powder coat enamel, conforming to BMC Metal-Arc standards.

General: This specification establishes the performance and appearance requirements for interior decorative coatings on laboratory products. The material to be used for the coating will be applied dry over metallic substrates. The material must be available in a number of colors matched to BMC/Metal-Arc standards.

Manufacturability: The material can be applied in multiple coatings where needed, without inter-coat sanding. Shelf life of material shall be (six (6) months) at not more the 77° without deterioration of properties.

Appearance		
Description	Test Procedure	Requirement
A. Color	AES-C-0100	Pass
B. Light Resistant	QUV A Apparatus	48 hours without change in color or gloss
C. Thickness	Mill Gage	See sections 2.02 and 2.03
D. Glass	ASTM D523-80 60 Degrees Gloss meter	30 Degree + 5 Matte 20 Degree + 5 Black
Performance		
A. Hardness	ASTM D3363-74 (no indentation)	3-H Min.
B. Impact Resistance	ASTM D2794-69	120 in-lbs without cracking
C. Flexibility	ASTM D522-60	No cracking or loss of adhesion at bend
D. Abrasion	Tabor abrasor CS10 Wheel	14 mg. max weight loss per 100 cycle
Performance		
E. Humidity	ASTM D2247	288 hours exposure with no loss of adhesion or blistering
F. Salt Spray	ASTM 8117-64 ASTM D1654-79	144 hours exposure with no rust Maximum 1/8" rust creep from scribe line
G. Adhesion		90 of the squares show finish

Performance		
Description	Test Procedure	Requirement
H. Chemical Resistance	A door shall be removed from the cabinets and laid flat and level on a horizontal surface. Chemical spot tests shall be made by applying 10 drops (approximately 0.5 cm ³) of each reagent listed (see table below) to the surface to be tested. Each reagent spot shall be open to the atmosphere. Ambient temperature shall be 68-72°F (20-22°C). After one hour, chemical shall be flushed away with cold water and the surface washed with detergent and warm water at 150°F (65°C). Surface shall then be examined under 100° foot candles of illumination.	A maximum of three failure classifications is acceptable
I. Scratch Resistance	Hoffman Scratch Hardness Tester	No Substrate Appearance w/1000 gram load

Application Surface Descriptions

Surface "A": Most critical of all areas. Completely exposed surface. No defects (see sections 2.03 and 2.04) are allowed.

Surface "B": Not as critical as surface "A". Sometimes exposed interior and exterior surfaces.

Surface "C": Hidden surfaces; areas that will not be seen in normal use.

Reagent	Concentrations by Weight	Reagent	Concentrations by Weight
Acetic Acid	98%		
Formic Acid	88%		
Hydrochloric Acid	37%	Ethyl Acetate	
Nitric Acid	25%	Ethyl Alcohol	
Nitric Acid	60%	Ethyl Ether	
Phosphoric Acid	75%	Formaldehyde	37%
Sulfuric Acid	25%	Hydrogen Peroxide	5%
Sulfuric Acid	85%	Methyl Ethyl Ketone	
Ammonium Hydroxide	28%	Phenol	85%
Sodium Hydroxide	10%	Xylene	
Sodium Hydroxide	25%		

Appearance Surface

Fillers – front of cabinet or case including drawer and door fronts
 Shelf tops
 Top of wall and floor cases
 Cabinet and case floors
 All other than above interior and exterior vertical surfaces
 Non-working surfaces – all other than above unexposed surfaces

Minimum Millage

1.2
 1.2
 1.2
 1.2
 1.0
 .75

Surface Class

A
 B
 B
 B
 B
 C

Condition	Surface "A"	Surface "B"	Surface "C"
Blemish	No	Not permitted on surfaces easily detected from an arm's length.	Yes
Water spot	No	Not permitted on surfaces easily detected from an arm's length.	Yes
Sag	No	Slight	Yes
Over cure	No	No	Yes
Under cure	No	No	Yes

SYMBIOTE PRODUCT WARRANTY

Symbiote[®], Inc. hereinafter referred to as "the Company," warrants its standard products to be free of defects on material and workmanship from the date of initial delivery for the applicable warranty period specified below, when the products are installed and used in accordance with the Company's published instructions. This warranty is made by the Company only to purchasers acquiring the product directly from the Company, its authorized dealers/distributors, or others, who are specifically authorized by the Company to sell such products. No person, firm or corporation is authorized to assume for the Company any liability in connection with the sale or installation of the Company's products except as stated above.

Because of natural variations over which the Company has no control, the Company does not warrant matching of color, grain or texture. The Company makes no warranty with respect to nonstandard materials selected by and used at the request of a customer.

Symbiote Standard Furniture Products

A one-year warranty period for labor and materials applies to all standard and non-standard products. An extended warranty, for replacement of material only, applies to the following products.

- 12 years – all standard product and system accessories excluding products and components listed below. The following items are limited to the original equipment manufacturer's warranty:
- 1 years – ESD laminate and magnification lights
- 2 years – Task lighting (excluding lamps)
- 5 years – Electric, height adjustable tables

Nonstandard Products

- 1 year – all non-catalog custom products and alternatives

The Company's obligations and the purchaser's remedy pursuant to the foregoing warranty are limited to repair or replacement at the Company's option, F.O.B. the Company's plant, products which prove to be defective within the first year of the warranty period and to furnish necessary repair parts for the products which prove to be defective within the remainder of the extended warranty period. The Company will determine whether defective products should be returned to the Company. Repaired or replaced product will be returned to the purchaser at the Company's expense. Purchasers may be required to establish that the products were installed according to the Company's specification and is within the warranty period by producing invoices or other such evidence as may be reasonably satisfactory by the Company.

THERE ARE NO OTHER WARRANTIES EXCEPT AS EXPRESSLY SET FORTH ABOVE, EITHER EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

The Company shall not be liable for loss of time, inconvenience, commercial loss, incidental or consequential damages.

The remedies stated herein are expressly agreed to be exclusive as a condition of sale, and the Company's liability with respect to its products or installation services shall not exceed that expressly set forth above irrespective of the theory upon which any claim might be based, including breach of contract, warranty, negligence or strict liability of tort.

The Company does not warrant product exposed to extreme environmental conditions or that have been subject to improper use or storage. In addition, the Company does not warrant failure resulting from normal wear and tear.