

End of Life Program

Inscape is dedicated to the continuous positive impact of our products. We embrace the responsibility that comes with designing and manufacturing products, and consider the inputs, processes and outcomes at all points of the product lifecycle from design conception through to end-of-life disposition.

Inscape has produced this end of life literature to address the reuse, recycling and end of life management options for Inscape products.

Reuse:

Inscape filing and storage products are made of over 90% steel. These products are very durable. These products can be used in different configurations in conjunctions with Inscape systems, and with any other system products other than what initially configured.

Systems and Bench products and RockIt are mainly made of MDF or Particleboard works faces, steel frames, tiles, and Aluminum extrusions. These products could be reconfigured in different ways. For current Inscape products, the additional parts could be easily identified and ordered.

Walls: Inscape walls are modular products made of individual panels, which are installed in the field. Products could be easily reconfigured to different cubical. Additional panels and parts could be easily identified and ordered.

Recycling:

Disassembly instructions are available for Inscape products. These instructions can be requested from Inscape client services or engineering department.

To help customers, Inscape provided few guidance charts to identify name of Inscape products, material recovery options and list of recycling facilities in North America to recycling material.

Take back program

Third party refurbishing companies are very interested to collect any furniture, which could be refurbished.

If products are in good condition to be refurbished/Reused, and both customer and the third party mutually agreed, third Party company would be able to remove the surplus furniture from client's location.

Current and Legacy Products

	PRODUCT NAME/SERIES	MATERIALS
CASE GOODS	Shannon	Wood
	Hercules	Steel
	Modifile	Steel
	Modifile 2	Steel
	8000 Vertical Files	Steel
	8600 Plus Lateral Files	Steel
	SuperStore	Steel
	Storage Centers	Steel
	The Radius Profile Series	Steel
	The Custom Profile Series	Steel
	8900 Lateral Series	Steel
	8000 Vertical Series	Steel
	Workstore Personal Pedestals	Steel
	8900 Plus Filing Series	Steel
	Radius Series	Steel
	Arcus Series	Steel
	Linear Series	Steel
	7900 Series	Steel
	Modular Towers	Steel and Aluminum
	Wood Profile	Steel and MDF
	Glazed Doors Storage Cabinets	Steel and Aluminum
	Bookcases	Steel
	Display Cabinets	Steel
	Domain	Wood and Aluminum
	9900 Series	Steel
	Storwal	Steel, Aluminum, MDF
	DataGroup	Steel and Particle Board
	Performace Group	Steel and Particle Board
1100 to 2900 Series	Steel and Particle Board	
Modular Series	Steel and Particle Board	
Drums and Cubes	Steel and Particle Board	
SYSTEMS	Tisch	Steel and Particle Board
	Platform	Steel and MDF
	Freeform	Aluminum
	Scala	Steel and MDF
	Inscape Bench	Steel and MDF
	RockIt	Aluminum and MDF
	Interval	Aluminum post wall
	ARIA	Aluminum/ Glass Wall
	ACME50	Steel/ Glass Wall

Inscape End of Life Recovery Options

Identification of Materials		Recovery Opportunity		
Material	Example Components	Recycling Notes	High Value Opportunity	Low Value Opportunity
AGGREGATE				
Metal/Plastic Aggregate	Counterweight	The counterweight used by Inscape is comprised of a plastic and mill scale polymer. Reuse is the recommended strategy for recovery	Reuse	Metal Recovery
ELECTRONICS				
Miscellaneous Electronics (circuit boards, cords, motors, etc.)	Systems / Filing (Storwal) / Tables (Tish) Electrical	Actively recycled to capture metals, precious metals, and plastic content.	Recycled to capture metals, precious metals, and plastic content	
GLASS				
Tempered Glass	Systems Glazing Insert, Add-On Glazing, Walls Inserts	Recycling requires separation from traditional glass (i.e. "float glass") as tempered glass has a higher melting point. As such, many facilities do not accept tempered glass.	Recycled tempered glass	Crushed for use in aggregate products
PLASTIC				
Acetal (POM)	Systems Tile Clips/ Plastic Fasteners/ End of Line Plug and Clip, Filing Antityp Cam/ Stops/ Guide	Actively recycled into raw polymer by industrial plastic recyclers. It is important to note, however, that recycled plastic markets are highly variable and acceptance of a given material fluctuate based upon multiple factors (e.g. material type, quantity, presence of contaminants, markets for that material, etc). Recycling value is improved with greater quantities and accurate material identification (i.e. identified by base polymer, filler, and additive content)	Recycled POM Regrind	Mixed Thermoplastic Compression Molding
Acrylonitrile Butadiene Styrene (ABS)	Filing & Storage Radius / Linear Pulls/ Intermediate Bars		Recycled ABS Regrind	Mixed Thermoplastic Compression Molding
Acrylic (PMMA)	Systems Glazing Insert, Add-On Glazing		Recycled PMMA Regrind	Mixed Thermoplastic Compression Molding
High Density Polyethylene (HDPE)	Systems Glide Caps, Hang File Bar Shipping Clip		Recycled HDPE Regrind	Mixed Thermoplastic Compression Molding
Low Density Polyethylene (LDPE, LLDPE)	Poly bags /Stretch Wrap		Recycled LDPE Regrind	Mixed Thermoplastic Compression Molding
Nylon (PA)	Tile Clips, Roller, Carrier, Antityp Plates, Electrical Clips, Glide Cover		Recycled PA Regrind	Mixed Thermoplastic Compression Molding
Polycarbonate (PC)	Systems Sliding Door, Monolithic Tile Clips		Recycled PC Regrind	Mixed Thermoplastic Compression Molding
Polyethylene Terephthalate (PET)	N/A		Recycled PET Regrind	Mixed Thermoplastic Compression Molding
Polypropylene (PP)	File Drawer Block		Recycled PP Regrind	Mixed Thermoplastic Compression Molding
Polystyrene (PS, EPS, HIPS)	Pencil Tray		Recycled PS Regrind	Mixed Thermoplastic Compression Molding
Polyvinyl Chloride (PVC)	Thermofoil; Extrusions-Twin Bin, Superstore Inserts, Electrical Cut-outs		Recycled PVC Regrind	Mixed Thermoplastic Compression Molding
Polyurethane, Flexible Foam	Cushion		Actively recycled by foam manufacturers and recyclers into carpet padding.	Recycled Carpet Padding

Inscape End of Life Recovery Options

Identification of Materials		Recovery Opportunity		
Material	Example Components	Recycling Notes	High Value Opportunity	Low Value Opportunity
METALS - FERROUS (E.G. STEEL, IRON)				
Steel	Filing & Storage, Systems Frames, Tiles, Bracketry, Walls Frame	Readily recycled into raw ferrous metal ingot. Ferrous metals are easily seperable from other materials through shredding and magnetic seperation. Therefore, many metal recyclers will accept ferrous metals which contain small amounts of mixed materials (e.g. plastic, aluminum)	Recycled Steel Ingot	Off Grade Ferrous Ingot
Cast Iron	N/A		Recycled Cast Iron Ingot	Off Grade Ferrous Ingot
METALS - NON-FERROUS (E.G. ALUMINUM, STAINLESS STEEL, ZINC DIE CAST, BRASS)				
Cast Aluminum	Stack-On Insert	Readily recycled into raw metal ingot. Non-ferrous metals are not seperable through magnetic seperation. Recycling value is improved with greater quantity and accurate material identificaion (e.g. metal grade)	Recycled Cast Grade Aluminum Ingot	Recycled Off Grade Aluminum Ingot
Extruded Aluminum	Systems Trims, Modular Tower Corner Posts, Walls Frame		Recycled Extruded Grade Aluminum Ingot	Recycled Off Grade Aluminum Ingot
Stainless Steel	N/A		Recycled Stain-less Steel Ingot	Recycled Off Grade Zinc Ingot
Zinc Die Cast	Foot Frame Socket/ Trim Caps/ Lock Hook/ Wood Tile Clips/ Walls Components		Recycled Zinc Die Cast Ingot	Recycled Off Grade Zinc Ingot
Brass	N/A		Recycled Brass Ingot	Recycled Off Grade Brass Ingot
TEXTILES				
Natural Fabrics	COM (Customer Own Material) ?	Recycling possible into non-woven fabrics	Recovery of scraps for reuse	Recycled fibers into shoddy for use in non-woven products
Polyester Fabrics	Systems Tiles/ Cushions	Recycling possible into raw polymer	Recovery of scraps for reuse	Recycled fibers into shoddy for use in non-woven products
Mixed Fabrics	COM (Customer Own Material) ?	Recycling possible into non-woven fabrics	Recovery of scraps for reuse	Recycled fibers into shoddy for use in non-woven products
Vinyl	Cushions	Recycling possible only through extraction based processes	Recovery of scraps for reuse	Recycled PVC polymer through extraction based processing
WOOD				
Particleboard	Laminate / Veneer Worksurfaces/ Desking / Tables	Not currently actively recycled due to process and economic limitations. Reuse or refurbishment are currently the best options for these materials. As a low value option, the energy content can be reclaimed in a designated waste-to-energy facility equipped with proper pollution control technologies.	Recovered for reuse / refurbishment	Waste to Energy
Medium Density Fiberboard (MDF)	Systems Worksurfaces, Tiles, Filing Wood Fronts, Tables		Recovered for reuse / refurbishment	Waste to Energy
Plywood	NA		Recovered for reuse / refurbishment	Waste to Energy
Hardwood	NA		Recovered for reuse / refurbishment	Waste to Energy
OTHER				
Laminate	Worksurfaces, tiles	Not currently actively recycled due to process and economic limitations.	Recovered for reuse / refurbishment	Waste to Energy

Matrix of Recycling Infrastructure

U.S. EPA Region / Canada	Company	Location	Aluminum			ABS	Nylon			PC		PE		PET		POM	PP			PS			PVC							
			Aluminum Extruded	Aluminum Cast	Aluminum Foil	Acrylic (PMMA)	Nylon	Nylon GF Fiber Grade	PAG	PAG6	Polycarbonate (PC) PC/ABS	HDPE	LDPE	LLDPE	Fiber Grade	HMW	PET	PETG	Acetyl (POM)	PP	PP Copolymer	PP Homopolymer	Fiber Grade	PP GF	PP TF	PS	EPS	HIPS	PVC	Flexible
1	AP Polymers LLC	Stamford																												
1	Connecticut Metal Industries	Ansonia																												
1	FP International	Auburn																												
1	WTE Recycling, Inc.	Greenfield																												
2	Adirondack Plastics & Recycling, Inc.	Argyle																												
2	All American Alloys and Recycling Inc	Elizabeth																												
2	Armstrong Brands Inc	West Seneca																												
2	Bayshore Recycling	Keasbey																												
2	CarpetCycle LLC	Dover																												
2	Commercial Plastics Recycling	Little Falls																												
2	Curcio Scrap Metals Inc	Saddlebrook																												
2	Electronics Recycling and Scrapping LL	Rensselaer																												
2	eLot Recycling	Troy																												
2	Metro Metal LLC	Watervliet																												
2	NH Kelman, Inc	Cohoes																												
2	NU Mercury Polymer LLC	Middlesex																												
2	NYC Municipal	New York																												
2	R.K. Freeman & Son Inc.	Green Island																												
2	Regional Computer Recycling & Recov	Victor																												
2	Tycom Recycling Inc	Rochester																												
3	Commercial Plastics Recycling	Millwood																												
3	Dlubak Glass	Natrona Heights																												
3	Foam Fabricators Inc	Erie																												
3	Maryland Metals Inc	Hagerstown																												
3	Montgomery County Municipal	Montgomery County																												
4	Dlubak Glass	Lawrenceburg																												
4	ECG	Elizabeth City																												
4	EEL Recycling	St Petersburg																												
4	EFP Corporation	Decatur																												
4	Genei Recycling	Forest City																												
4	Innovative Crushing & Aggregate	Clarksville																												
4	Jet Polymer Recycling	Rainsville																												
4	KW Plastics	Troy																												
4	Portland Recycling	Louisville																												
4	United Plastics Recycling	Montgomery																												
5	American Metal Recycling	Cleveland																												
5	Bata Plastics	Grand Rapids																												
5	Dlubak Glass	Sandusky																												
5	Emerson & Company	Akron																												
5	GAR Plastics	Columbus																												
5	H&H Metals	Detroit																												
5	Innovative Crushing & Aggregate	Louisville																												
5	Louis Padnos	Grand Rapids																												
5	Michigan Foam Products	Grand Rapids																												
5	Midwest Recycling Co	Chicago																												
5	Reuse It Plastics Recycling	Detroit																												
6	American Scrap Metal	Fort Worth																												
6	BPI Plastic Recycling	Columbia																												
6	Dlubak Glass	Okmulgee																												
6	Great Northwest Recycling	San Antonio																												
6	RML Metals Recycling	Houston																												
6	Texas Foam	Bastrop																												
7	Advantage Metals Recycling	Kansas City																												
7	Earthbound Recycling	Eureka																												
7	Foam Fabricators Inc	Fort Madison																												
7	North Kansas City Iron and Metal	Kansas City																												
7	RNA Worldwide	Arnold																												
7	St Josephs Plastics	St Joseph																												
8	Big Sky Insulations Inc	Belgrade																												
8	Millenium Recycling	Sioux Falls																												
8	Pacific Steel & Recycling	Rapid City																												
8	Reaction Polymers	Salt Lake City																												
8	Wasatch Metal Recycling	Salt Lake City																												
9	Astrofoam Molding	Camarillo																												
9	BB Plastics Inc	Rialto																												
9	SA Recycling																													
9	Union City Municipal	Union City																												
9	Western Metals Recycling	Sparks																												
10	Northwest Recycling	Bellingham																												
10	Pacific Topsoils Inc	Various																												
10	PC Plastics	Portland																												
10	Superior Scrap Services	Olympia																												
10	Western Recycling																													
10	Wilson Recycling LLC	Shelton																												
CANADA	Best Metals LTD	Fredericton																												
CANADA	calgarymetalrecycling	Calgary																												
CANADA	Inland Steel Products Inc	Saskatoon																												
CANADA	MB Superior Metal Recovery	Vancouver																												
CANADA	Midnorthrecycling	Ontario																												
CANADA	Societe Nationale De Ferrailles	Laval																												
CANADA	Sunset Recycle and Sales LTD	Fort McMurray																												
CANADA	Tri Province Enterprises LTP	Moncton																												
CANADA	Turtle Island Recycling	Toronto																												
CANADA	Wentworth Metal Recycling	Hamilton																												
CANADA	Shift Recycling	Toronto																												
CANADA	Shred it	Toronto																												