

ITB: 17-425-001-F

3.11: Recycled Content Requirements

Bidder: Artopex, Inc.

1. Corrugated Cardboard Recycled Contents - See attached confirmation letters from suppliers.
  
2. Product Lines that include recycled content and/or post consumer recycled content:
  - Artopex Standard Desk Wood Casegoods
  - Artopex Systems Furniture (UniT panel systems)
  - Artopex Systems Furniture (Take Off panel systems)
  - Artopex Laminate Casegoods
  - See attached environmental sheets.

# ÉCO--PACK

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**FAX**

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DESTINATAIRE / TO :

**M. Gilles Martineau**

EXPÉDITEUR / FROM :

**Larry Gagnon (819) 697-2111 ext 22**

SOCIÉTÉ / CIE :

**Pro-Meuble ( Artopex )**

DATE :

**18 / 01 / 2011**

OBJ :

**Recycling raw material**

PAGES (1 888 PAGE INCLUDE ) (INCLUDING 1 ST ) :

**1**

Dear Mr. Martineau,

As discussed in our last conversation, I confirm That 100 % of the carton that we use in every pieces of packaging protection that we manufacture for you is recycled material. On top of that, each corrugated protector is 100 % recycled and refurbished material. I thank you for your interest in recycling and be sure that we share this preoccupation.

Best Regards,

Larry Gagnon



**ÉCO-PACK 200, J. Réal Desrosiers. Trois-Rivières, Qué. G8V 2R9**

Téléphone : (819) 697-2111 Télécopieur : (819) 697-3434

e-mail : [ecopack@bellnet.ca](mailto:ecopack@bellnet.ca)

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## LES CARTONS CORRUGUARD INC.

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Lavaltrie, January 18, 2011,

Artopex Inc.  
800, Vadnais Street  
Granby, ( Quebec )  
J2J 1A7

Object : Recyclable content of Cartons Corruguard's products.

Cartons Corruguard is very sensitive to environmental considerations, all along our process. The present note is to confirm that our products are 100% recyclable.

We produce edge corners for industrial packaging. Papers and adhesives represent 100% of our raw material.

Our end products are

- 100% recyclable,
- made of 65 to 75% of recycled raw materials.

Appreciating your own environment protection values, please accept our best wishes.

Diane Latendresse  
Président

101, rue des Ateliers, Lavaltrie Qc J5T 3R3

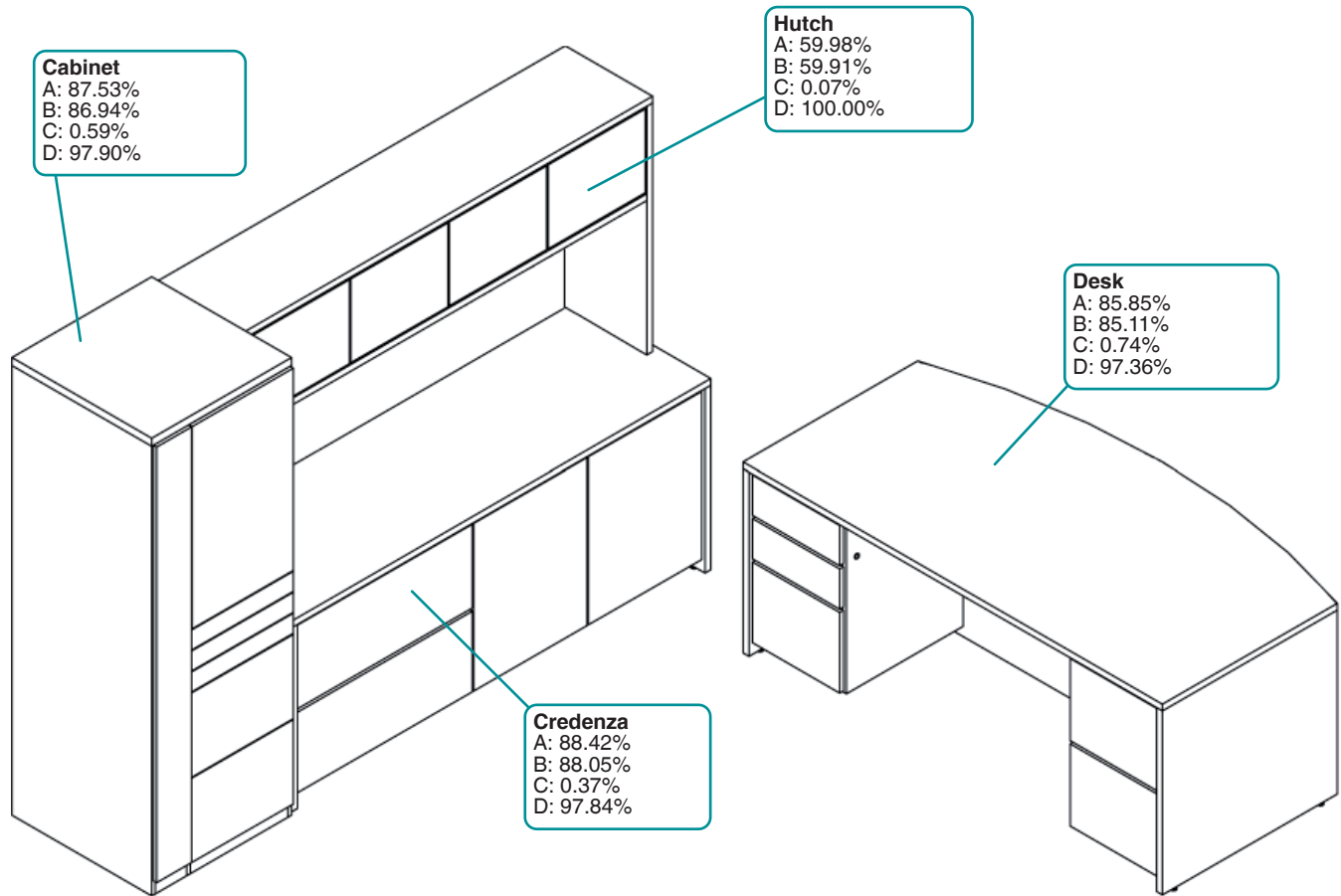
Téléphone : 450-586-0666 1-866-934-0666

Télécopieur : 450-586-4069

[www.cartonscorruguard.com](http://www.cartonscorruguard.com)

## Typical Accent-Passport Workstation - Recycled / Recyclable

- A:** % of recycled material
- B:** % of post-industrial recycled material
- C:** % of post-consumer recycled material
- D:** % of recyclable material



**RECYCLED MATERIAL CONTENT OF WORKSTATION:**

**80.83%**

**RECYCLABLE MATERIAL CONTENT OF WORKSTATION:**

**98.23%**



March 22, 2010

## **Artopex Standard Desk wood casegoods and its potential contribution to LEED-Ci Credits for Commercial Interior**



### **Energy and atmosphere**

#### **Credit 1.1 : optimizing Energy Performance** (3 points available)

Artopex task lights are high efficiency lighting with electronic ballast.

### **Material and Resources**

#### **Credit 2.1 : Construction Waste Management** (1 point available)

The packaging is design to minimized waste. 100% of packaging is recyclable, can also be recuperate for recycling or reuse.

#### **Credit 2.2 : Construction Waste Management** (1 point available)

The packaging is designed to minimize waste. 100% of packaging is recyclable, can also be recuperate for recycling or reuse.

#### **Credit 3.3 : Resource Reuse** (1 point available)

Artopex furniture is designed with a limited lifetime warranty. Casegoods are designed to be compatible with previous generations to allow reuse of existing to match new furniture.

#### **Credit 4.1 : Recycled content** (1 point available)

Artopex Standard Desk casegoods may contribute to this credit. Detailed calculation for specific components to be provided on request.

#### **Credit 4.2 : Recycled content** (1 point available)

Artopex Standard Desk casegoods may contribute to this credit. Detailed calculation for specific components to be provided on request.

#### **Credit 5.1 : Regional Materials** (1 point available)

Help with this point will depend on project location (within a radius 500 miles or 800km)

#### **Credit 7 : Certified Wood** (1 point available)

Certified wood is available as an option on Artopex products.

## **Indoor Environmental Quality**

### **Credit 4.5 Low-Emitting Materials (1 point available)**

Artopex uses water based stain and lacquer. Artopex can use particleboard for the core of the veneer surfaces with no addition of formaldehyde. Artopex uses water-based adhesives or thermo-glue with no emission after curing time in factory. Powder coating is used for metal components with a formulation at 0% volatile organic compounds (VOC's) during baking. Trace amounts of VOC's (less than 0.05%) are possible by impurity. Metal storage cabinets body such as lateral files are finish with liquid paint with zero emission after curing at 350°F. All volatile compounds to evaporate during baking.

### **Credit 8.1, 8.2 and 8.3 Daylight and views (3 point available)**

Artopex products can be specified to help achieve these points.

## **Innovation and Design Process**

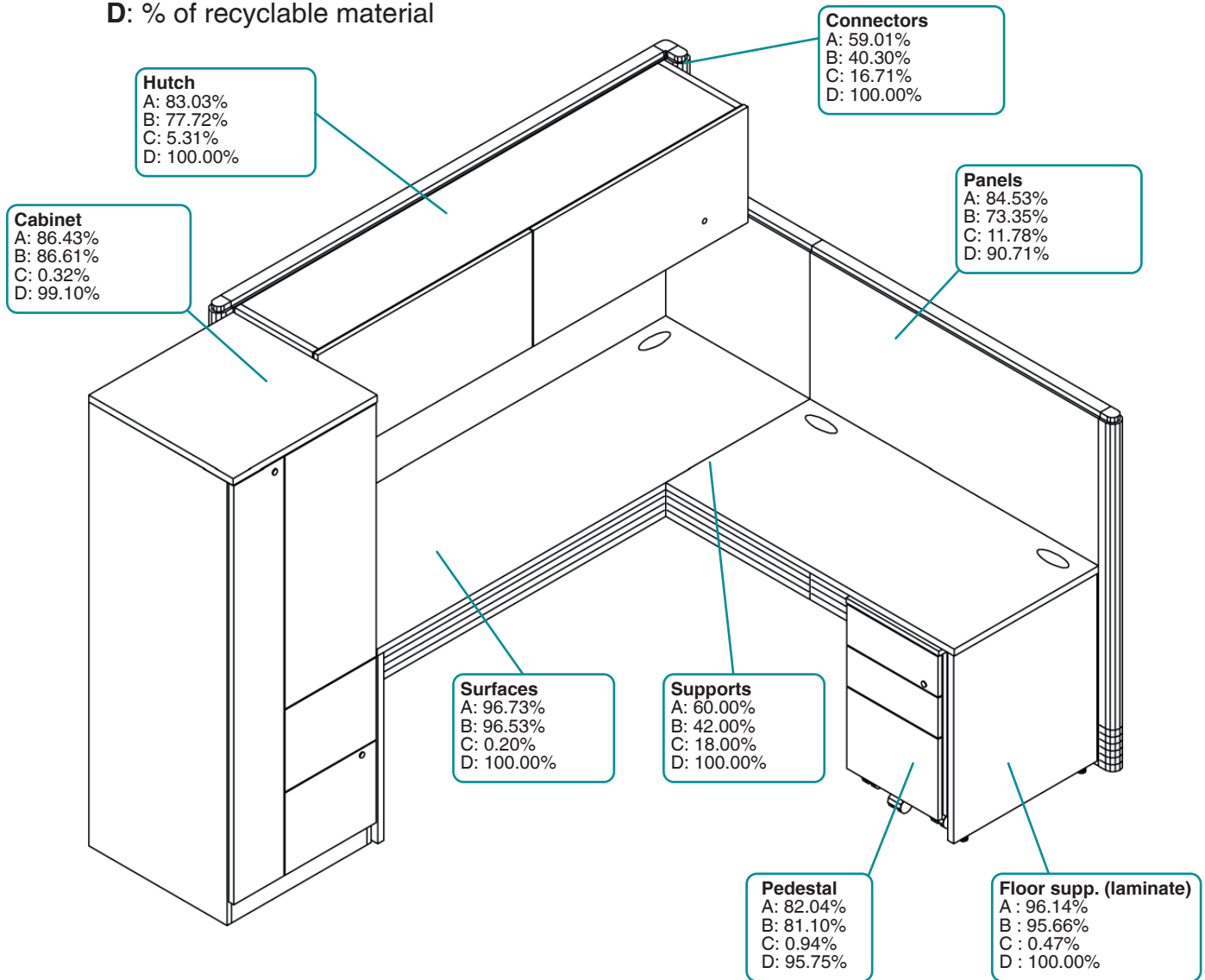
### **Credit 1-4 Innovation in Design (5 point available)**

LEED innovation Credits can be achieved when a project exceeds the criteria by twice the base requirements of the credit or, in the case of multi-tiered credits, the next tier. Also in the case of any environmental innovation that may be demonstrated.

The fifth point for this credit is available if a LEED certified professional is involved in the project.

## Typical Uni-T Workstation - Recycled / Recyclable Content

- A:** % of recycled material
- B:** % of post-industrial recycled material
- C:** % of post-consumer recycled material
- D:** % of recyclable material



**RECYCLED MATERIAL CONTENT OF WORKSTATION:**

**85.50%**

**RECYCLABLE MATERIAL CONTENT OF WORKSTATION:**

**97.20%**



November 20, 2009

## **Artopex Uni-T panel systems furniture and its potential contribution to LEED-Ci Credits for Commercial Interior**



### **Energy and atmosphere**

#### **Credit 1.1: optimizing Energy Performance** (3 points available)

Artopex task lights are high efficiency lighting with electronic ballast.

### **Material and Resources**

#### **Credit 2.1: Construction Waste Management** (1 point available)

The packaging is design to minimized waste. 100% of packaging is recyclable, can also be recuperate for recycling or reuse.

#### **Credit 2.2: Construction Waste Management** (1 point available)

The packaging is designed to minimize waste. 100% of packaging is recyclable, can also be recuperate for recycling or reuse.

#### **Credit 3.3: Resource Reuse** (1 point available)

Artopex furniture is designed with a limited lifetime warranty. Systems are 100% compatible with previous generations to allow reuse of existing to match new furniture systems.

#### **Credit 4.1: Recycled content** (1 point available)

Artopex systems furniture may contribute to this credit depending of the components being use.

#### **Credit 4.2: Recycled content** (1 point available)

Artopex systems furniture may contribute to this credit depending of the components being use.

#### **Credit 5.1: Regional Materials** (1 point available)

Help with this point will depend on project location (within a radius 500 miles or 800km)

#### **Credit 6: Rapidly Renewable Materials** (1 point available)

The acoustic panel core is composed of rapidly renewable material. Rapidly renewable materials are available as an option for laminate components.





**Credit 7: Certified Wood** (1 point available)

The substrate use for the acoustic panel core is FSC certified. Certified wood is available as an option for laminate components.

**Indoor Environmental Quality**

**Credit 4.5: Low-Emitting Materials** (1 point available)

Artopex Panel Systems Furniture (with low emitting materials) is Greenguard certified. Artopex can use particleboard for high pressure laminate surfaces with no addition of formaldehyde. Artopex uses Greenguard certified plastic laminate from Formica, water-based adhesives or thermo-glue with no emission after curing time in factory. Powder coating is used for metal components with a formulation at 0% volatile organic compounds (VOC's) during baking. Trace amounts of VOC's (less than 0.05%) are possible by impurity.

**Credit 8.1, 8.2 and 8.3: Daylight and views** (3 point available)

Artopex products can be specified with glazing and panel heights to help achieve these points.

**Innovation and Design Process**

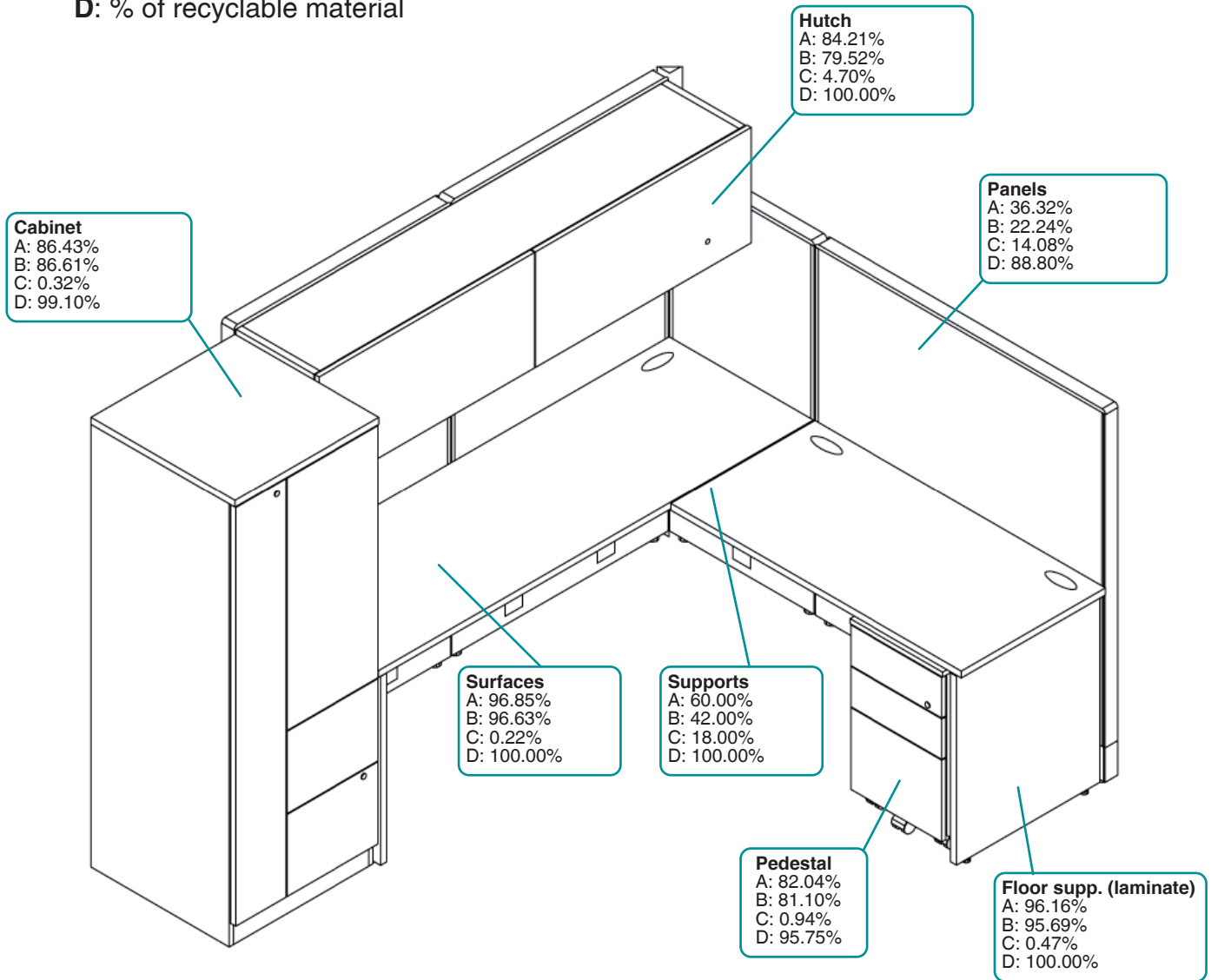
**Credit 1-4 Innovation in Design** (5 point available)

LEED innovation Credits can be achieved when a project exceeds the criteria by twice the base requirements of the credit or, in the case of multi-tiered credits, the next tier. Also in the case of any environmental innovation that may be demonstrated.

The fifth point for this credit is available if a LEED certified professional is involved in the project.

## Typical Take Off System Workstation - Recycled / Recyclable

- A:** % of recycled material
- B:** % of post-industrial recycled material
- C:** % of post-consumer recycled material
- D:** % of recyclable material



**RECYCLED MATERIAL CONTENT OF WORKSTATION:**

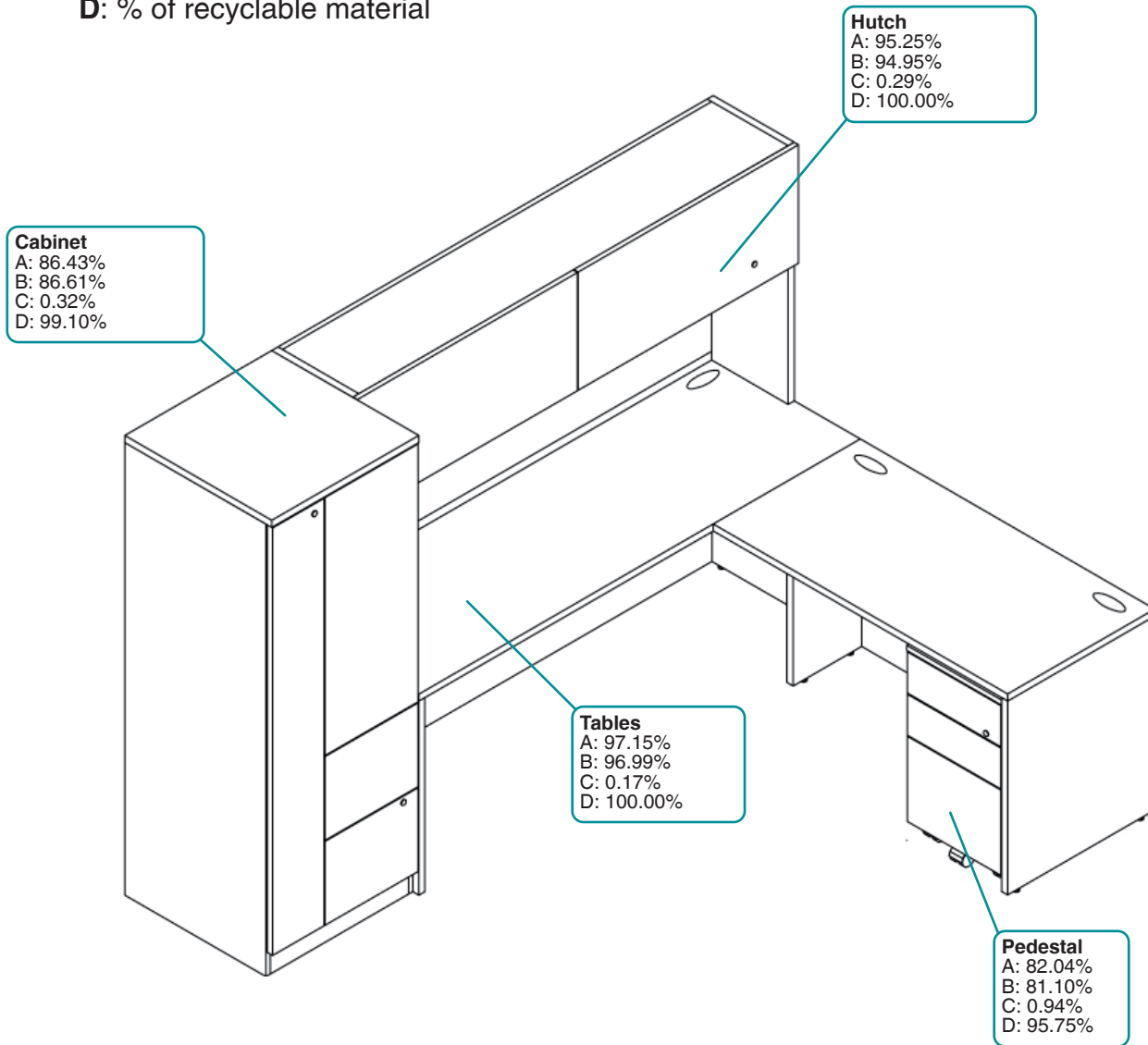
**75.33%**

**RECYCLABLE MATERIAL CONTENT OF WORKSTATION:**

**96.63%**

## Typical Take Off Workstation - Recycled / Recyclable Content

- A:** % of recycled material
- B:** % of post-industrial recycled material
- C:** % of post-consumer recycled material
- D:** % of recyclable material



**RECYCLED MATERIAL CONTENT OF WORKSTATION:**

**91.51%**

**RECYCLABLE MATERIAL CONTENT OF WORKSTATION:**

**99.24%**



## **Artopex Laminate Casegood Furniture and its potential contribution to LEED-Ci Credits for Commercial Interior**

### **Energy and atmosphere**

#### **Credit 1.1 : optimizing Energy Performance** (3 points available)

Artopex task lights are available with high efficiency lighting with electronic ballast.

### **Material and Resources**

#### **Credit 2.1 : Construction Waste Management** (1 point available)

The packaging is design to minimized waste. 100% of packaging is recyclable, can also be recuperate for recycling or reuse.

#### **Credit 2.2 : Construction Waste Management** (1 point available)

The packaging is designed to minimize waste. 100% of packaging is recyclable, can also be recuperate for recycling or reuse.

#### **Credit 3.3 : Resource Reuse** (1 point available)

Artopex furniture is designed with a limited lifetime warranty. Systems are 100% compatible with previous generations to allow reuse of existing to match new furniture systems.

#### **Credit 4.1 : Recycled content** (1 point available)

Artopex furniture may contribute to this credit according to the series and material selection. Recycled content varies from 5 to 61% depending of material being use.

#### **Credit 4.2 : Recycled content** (1 point available)

Artopex furniture may contribute to this credit according to the series and material selection. Recycled content varies from 5 to 61% depending of material being use.

#### **Credit 5.1 : Regional Materials** (1 point available)

Help with this point will depend on project location.

#### **Credit 6 : Rapidly Renewable Materials** (1 point available)

Rapidly renewable materials are available as an option on Artopex products.

#### **Credit 7 : Certified Wood** (1 point available)

Certified wood is available as an option on Artopex products.

## **Indoor Environmental Quality**

### **Credit 4.5 Low-Emitting Materials (1 point available)**

Artopex can use particleboard for high pressure laminate surfaces with no addition of formaldehyde. Artopex uses Greenguard certified plastic laminate from Formica. Water-based adhesives or thermo-glue with no emission after curing time in factory. Powder coating is used for metal components with a formulation at 0% volatile organic compounds (VOC's) during baking. Trace amounts of VOC's (less than 0.05%) are possible by impurity. Metal storage cabinets body such as lateral files are finish with liquid paint with zero emission after curing at 350°F. All volatile compounds to evaporate during baking.

### **Credit 8.1, 8.2 and 8.3 Daylight and views (3 point available)**

Artopex products can be specified with glazing and panel heights to help achieve these points.

## **Innovation and Design Process**

### **Credit 1-4 Innovation in Design (5 point available)**

LEED innovation Credits can be achieved when a project exceeds the criteria by twice the base requirements of the credit or, in the case of multi-tiered credits, the next tier. Also in the case of any environmental innovation that may be demonstrated.

The fifth point for this credit is available if a LEED certified professional is involved in the project.