

Flat Glass Reuse and Recycling Assessment Ontology

Metadata

IRI

http://w3id.org/CEON/ontology/flatglass_assessment/

Title

Flat Glass Reuse and Recycling Assessment Ontology

Creator

Eva Blomqvist

Contributor

Robin Keskisärkkä

Date Created

2024-07-09

License

<https://github.com/LiUSemWeb/DPP/blob/master/LICENSE>

Version Iri

http://w3id.org/CEON/ontology/flatglass_assessment/0.1/

Version Info

0.1

Preferred Namespace Prefix

assess

Preferred Namespace Uri

http://w3id.org/CEON/ontology/flatglass_assessment/

Description

Extension of the flatglass ontology to represent reasoning on reuse and recycling

Classes

Downcyclable Window ^C	
IRI	http://w3id.org/CEON/ontology/flatglass_assessment/DowncyclableWindow
Sub Class Of	window:Window
Equivalentclass	DowncyclableWindowWBodyTintedGlass^C or DowncyclableWindowEnamelledGlass^C or DowncyclableWindowWThickFilm^C or DowncyclableWindowWithLaminatedGlass^C
Super Class Of	DowncyclableWindowEnamelledGlass^C DowncyclableWindowWBodyTintedGlass^C DowncyclableWindowWThickFilm^C DowncyclableWindowWithLaminatedGlass^C

Downcyclable Window Enamelled Glass^C

IRI	http://w3id.org/CEON/ontology/flatglass_assessment/DowncyclableWindowEnamelledGlass
Sub Class Of	DowncyclableWindow^C
Equivalentclass	window:wiredGlass value false^C and window:fireGlassWoGel value false^C and window:fireGlassWGel value false^C and window:enamelledGlass value true^C and window:Window^C

Downcyclable Window W Body Tinted Glass^C

IRI	http://w3id.org/CEON/ontology/flatglass_assessment/DowncyclableWindowWBodyTintedGlass
Sub Class Of	DowncyclableWindow^C
Equivalentclass	window:bodyTintedGlass value true^C and window:Window^C and window:fireGlassWGel value false^C and window:wiredGlass value false^C and window:fireGlassWoGel value false^C

Downcyclable Window W Thick Film^C

IRI	http://w3id.org/CEON/ontology/flatglass_assessment/DowncyclableWindowWThickFilm
Sub Class Of	DowncyclableWindow^C
Equivalentclass	window:Window^C and window:filmThickerThan0point25 value true^C and window:wiredGlass value false^C and window:fireGlassWGel value false^C and window:fireGlassWoGel value false^C

Downcyclable Window With Laminated Glass^C

IRI	http://w3id.org/CEON/ontology/flatglass_assessment/DowncyclableWindowWithLaminatedGlass
Sub Class Of	DowncyclableWindow^C
Equivalentclass	window:fireGlassWGel value false^C and window:filmThickerThan0point25 value false^C and window:fireGlassWoGel value false^C and window:enamelledGlass value false^C and window:wiredGlass value false^C and window:bodyTintedGlass value false^C and window:Window^C and window:laminatedGlass value true^C

Non Recyclable Window^C

IRI http://w3id.org/CEON/ontology/flatglass_assessment/NonRecyclableWindow

Sub Class Of [window:Window](#)

Equivalentclass [window:fireGlassWGel](#) value [true](#)^C or [window:fireGlass](#) value [true](#)^C or [window:fireGlassWoGel](#) value [true](#)^C or [window:wiredGlass](#) value [true](#)^C and [window:Window](#)^C

Recyclable Window^C

IRI http://w3id.org/CEON/ontology/flatglass_assessment/RecyclableWindow

Sub Class Of [window:Window](#)

Equivalentclass [window:Window](#)^C and [window:wiredGlass](#) value [false](#)^C and [window:filmThickerThan0point25](#) value [false](#)^C and [window:enamelledGlass](#) value [false](#)^C and [window:fireGlass](#) value [false](#)^C or [window:fireGlassWoGel](#) value [false](#)^C and [window:fireGlassWGel](#) value [false](#)^C and [window:bodyTintedGlass](#) value [false](#)^C and [window:laminatedGlass](#) value [false](#)^C

Super Class Of [RecyclableWindowWBlinds](#)^C
[RecyclableWindowWFilmOnGlass](#)^C
[RecyclableWindowWGeorgianBar](#)^C
[RecyclableWindowWHazardousSubstance](#)^C

Recyclable Window W Asbestos^C

IRI http://w3id.org/CEON/ontology/flatglass_assessment/RecyclableWindowWAsbestos

Sub Class Of [RecyclableWindowWHazardousSubstance](#)^C

Equivalentclass [RecyclableWindow](#)^C and [window:containsAsbestos](#) value [true](#)^C

Recyclable Window W Blinds^C

IRI http://w3id.org/CEON/ontology/flatglass_assessment/RecyclableWindowWBlinds

Sub Class Of [RecyclableWindow](#)^C

Equivalentclass [window:hasIntegratedBlind](#) value [true](#)^C and [window:containsAsbestos](#) value [false](#)^C and [window:containsPCB](#) value [false](#)^C and [RecyclableWindow](#)^C

Recyclable Window W Film On Glass^C

IRI	http://w3id.org/CEON/ontology/flatglass_assessment/RecyclableWindowWFilmOnGlass
Sub Class Of	RecyclableWindow^C
Equivalentclass	window:containsAsbestos value false^C and window:containsPCB value false^C and window:filmOnGlass value true^C and RecyclableWindow^C

Recyclable Window W Georgian Bar^C

IRI	http://w3id.org/CEON/ontology/flatglass_assessment/RecyclableWindowWGeorgianBar
Sub Class Of	RecyclableWindow^C
Equivalentclass	RecyclableWindow^C and window:georgianBar value true^C and window:containsPCB value false^C and window:containsAsbestos value false^C

Recyclable Window W Hazardous Substance^C

IRI	http://w3id.org/CEON/ontology/flatglass_assessment/RecyclableWindowWHazardousSubstance
Sub Class Of	RecyclableWindow^C
Equivalentclass	RecyclableWindowWPCB^C or RecyclableWindowWAsbestos^C
Super Class Of	RecyclableWindowWAsbestos^C RecyclableWindowWPCB^C

Recyclable Window Wpcb^C

IRI	http://w3id.org/CEON/ontology/flatglass_assessment/RecyclableWindowWPCB
Sub Class Of	RecyclableWindowWHazardousSubstance^C
Equivalentclass	window:containsPCB value true^C and RecyclableWindow^C

Recyclable Window W Tempered Glass^c

IRI http://w3id.org/CEON/ontology/flatglass_assessment/RecyclableWindowWTemperedGlass

Sub Class Of [window:RecyclableWindow](#)

Equivalentclass [window:containsPCB](#) value [false](#)^c and [window:containsAsbestos](#) value [false](#)^c and [window:temperedGlass](#) value [true](#)^c and [RecyclableWindow](#)^c

Reusable Window^c

IRI http://w3id.org/CEON/ontology/flatglass_assessment/ReusableWindow

Sub Class Of [window:Window](#)

Equivalentclass [window:hasFrameCondition](#) value [window:good](#)^c and [window:hasSoundReduction](#) value [window:level37](#)^c or [window:hasSoundReduction](#) value [window:level40](#)^c and [window:hasUValue](#) value [window:2point7](#)^c or [window:hasUValue](#) value [window:1point8](#)^c and [window:hasLightTransmission](#) value [window:Above63Perc](#)^c

Annotation Properties

contributor^{ap}

IRI <http://purl.org/dc/terms/contributor>

created^{ap}

IRI <http://purl.org/dc/terms/created>

creator^{ap}

IRI <http://purl.org/dc/terms/creator>

description^{ap}

IRI <http://purl.org/dc/terms/description>

license ^{ap}	
IRI	http://purl.org/dc/terms/license
title ^{ap}	
IRI	http://purl.org/dc/terms/title
preferred namespace prefix ^{ap}	
IRI	http://purl.org/vocab/vann/preferredNamespacePrefix
preferred namespace uri ^{ap}	
IRI	http://purl.org/vocab/vann/preferredNamespaceUri

Namespaces

:

http://w3id.org/CEON/ontology/flatglass_assessment/

dcterms

<http://purl.org/dc/terms/>

owl

<http://www.w3.org/2002/07/owl#>

prov

<http://www.w3.org/ns/prov#>

rdf

<http://www.w3.org/1999/02/22-rdf-syntax-ns#>

rdfs

<http://www.w3.org/2000/01/rdf-schema#>

vann

<http://purl.org/vocab/vann/>

window

<http://w3id.org/CEON/ontology/flatglass/>

xsd

<http://www.w3.org/2001/XMLSchema#>

Legend

c

Classes

ap

Annotation Properties

