

# Flat Glass Ontology

## Metadata

**IRI**

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

**Title**

Flat Glass Ontology

**Creator**

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**Date Created**

2024-07-09

**License**

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

**Version Iri**

<http://w3id.org/CEON/ontology/flatglass/0.3/>

**Version Info**

0.3

**Preferred Namespace Prefix**

window

**Preferred Namespace Uri**

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

**Description**

This is the Flat Glass Ontology

## Classes

### Building Element Type<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/BuildingElementType">http://w3id.org/CEON/ontology/flatglass/BuildingElementType</a>
<b>In Range Of</b>	<a href="#">hasType<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">WindowGlassType<sup>C</sup></a> <a href="#">WindowType<sup>C</sup></a>

## Built Element<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/BuiltElement>

### In Domain Of

[dismountingParameter](#)<sup>op</sup>  
[has component](#)<sup>op</sup>  
[hasMaterialComposition](#)<sup>op</sup>  
[hasStructure](#)<sup>op</sup>  
[hasType](#)<sup>op</sup>  
[door](#)<sup>dp</sup>  
[window door](#)<sup>dp</sup>

### In Range Of

[has component](#)<sup>op</sup>

### Super Class Of

[Window](#)<sup>C</sup>  
[WindowFrame](#)<sup>C</sup>  
[WindowGlass](#)<sup>C</sup>

## Condition<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/Condition>

**Sub Class Of** [StructuralParameter](#)<sup>C</sup>

### Equivalentclass

**In Range Of** [has frame condition](#)<sup>op</sup>

### Named Individuals

[fair](#)<sup>ni</sup>  
[good](#)<sup>ni</sup>  
[poor condition](#)<sup>ni</sup>

## Dismounting Direction<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/DismountingDirection>

**Sub Class Of** [DismountingParameter](#)<sup>C</sup>

**In Range Of** [mounted from inside/outside](#)<sup>op</sup>

### Named Individuals

[from inside](#)<sup>ni</sup>  
[from outside](#)<sup>ni</sup>

## Dismounting Parameter<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/DismountingParameter>

**In Range Of** [dismountingParameter<sup>op</sup>](#)

**Super Class Of** [DismountingDirection<sup>C</sup>](#)

## Ligth Transmission Level<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/LigthTransmissionLevel>

**Sub Class Of** [StructuralParameter<sup>C</sup>](#)

**Equivalentclass**

**In Range Of** [LT above 63%<sup>op</sup>](#)

**Named Individuals** [Above63Perc<sup>ni</sup>](#)  
[Below63Perc<sup>ni</sup>](#)

## Material<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/Material>

**In Range Of** [has frame material<sup>op</sup>](#)  
[hasMaterialComposition<sup>op</sup>](#)

**Named Individuals** [Aluminium<sup>ni</sup>](#)  
[PVC<sup>ni</sup>](#)  
[Steel<sup>ni</sup>](#)  
[Wood<sup>ni</sup>](#)

## Sound Reduction Level<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/SoundReductionLevel>

**Sub Class Of** [StructuralParameter<sup>C</sup>](#)

**Equivalentclass**

**In Range Of** [Sound reduction 40/37/35/30<sup>op</sup>](#)

**Named Individuals**  
[level30<sup>ni</sup>](#)  
[level35<sup>ni</sup>](#)  
[level37<sup>ni</sup>](#)  
[level40<sup>ni</sup>](#)

## Structural Parameter<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/StructuralParameter>

**In Range Of** [hasStructure<sup>op</sup>](#)

**Super Class Of**  
[Condition<sup>C</sup>](#)  
[LigthTransmissionLevel<sup>C</sup>](#)  
[SoundReductionLevel<sup>C</sup>](#)  
[U-value<sup>C</sup>](#)  
[WindowCompositionType<sup>C</sup>](#)

## U-Value<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/U-value>

**Sub Class Of** [StructuralParameter<sup>C</sup>](#)

**Equivalentclass**

**In Range Of** [u-value 2,7/1,8/1,1/0,7<sup>op</sup>](#)

**Named Individuals**  
[0.7<sup>ni</sup>](#)  
[1.1<sup>ni</sup>](#)  
[1.8<sup>ni</sup>](#)  
[2.7<sup>ni</sup>](#)

## Window<sup>C</sup>

IRI

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

### Sub Class Of

[BuiltElement<sup>C</sup>](#)

[manufacturing month year \(mmYY\)<sup>dp</sup>](#) *max* 1 [xsd:gMonthYear<sup>C</sup>](#) *and* [door<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [solar control glass<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [has frame material<sup>op</sup>](#) *min* 1 [Material<sup>C</sup>](#) *and* [total glass thickness<sup>dp</sup>](#) *max* 1 [xsd:string<sup>C</sup>](#) *and* [body tinted glass<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [u-value 2,7/1,8/1,1/0,7<sup>op</sup>](#) *max* 1 [U-value<sup>C</sup>](#) *and* [wired glass<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [LT above 63%<sup>op</sup>](#) *max* 1 [LigthTransmissionLevel<sup>C</sup>](#) *and* [fire glass<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [Asbestos Y/N<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [laminated glass<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [Sound reduction 40/37/35/30<sup>op</sup>](#) *max* 1 [SoundReductionLevel<sup>C</sup>](#) *and* [size<sup>dp</sup>](#) *max* 1 [xsd:string<sup>C</sup>](#) *and* [window type<sup>op</sup>](#) *exactly* 1 [WindowCompositionType<sup>C</sup>](#) *and* [enamelled glass<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [tempered glass<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [has frame condition<sup>op</sup>](#) *max* 1 [Condition<sup>C</sup>](#) *and* [connected<sup>dp</sup>](#) *max* 1 [xsd:boolean<sup>C</sup>](#) *and* [has component<sup>op</sup>](#) *some* [WindowFrame<sup>C</sup>](#) *and* [Georgian bar in singl fram/IGU?<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [PCB Y/N<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [mounted from inside/outside<sup>op</sup>](#) *max* 1 [DismountingDirection<sup>C</sup>](#) *and* [patterned glass<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [has component<sup>op</sup>](#) *some* [WindowGlass<sup>C</sup>](#) *and* [stamp on glass<sup>dp</sup>](#) *max* 1 [xsd:boolean<sup>C</sup>](#) *and* [film on glass<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [window door<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#) *and* [integrated blind<sup>dp</sup>](#) *exactly* 1 [xsd:boolean<sup>C</sup>](#)

### In Domain Of

[replacement frame or glass<sup>op</sup>](#)  
[mounted from inside/outside<sup>op</sup>](#)  
[connected<sup>dp</sup>](#)  
[PCB Y/N<sup>dp</sup>](#)  
[openable<sup>dp</sup>](#)

## Window Composition Type<sup>C</sup>

IRI

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

### Sub Class Of

[StructuralParameter<sup>C</sup>](#)

### In Range Of

[window type<sup>op</sup>](#)

### Named Individuals

[IGU only<sup>ni</sup>](#)  
[single glass only<sup>ni</sup>](#)  
[connected 1+1<sup>ni</sup>](#)  
[connected 2+1<sup>ni</sup>](#)

## Window Frame<sup>C</sup>

IRI

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

### Sub Class Of

[BuiltElement<sup>C</sup>](#)

## Window Glass<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/WindowGlass>

**Sub Class Of** [BuiltElement<sup>C</sup>](#)

## Window Glass Type<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/WindowGlassType>

**Sub Class Of** [BuildingElementType<sup>C</sup>](#)

## Window Type<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/WindowType>

**Sub Class Of** [BuildingElementType<sup>C</sup>](#)

## Object Properties

### dismounting parameter<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/dismountingParameter>

**Super Property Of** [mounted from inside/outside<sup>op</sup>](#)

**Domain** [BuiltElement<sup>C</sup>](#)

**Range** [DismountingParameter<sup>C</sup>](#)

### has component<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/hasComponent>

**Domain** [BuiltElement<sup>C</sup>](#)

**Range** [BuiltElement<sup>C</sup>](#)

## has frame condition<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/hasFrameCondition">http://w3id.org/CEON/ontology/flatglass/hasFrameCondition</a>
<b><u>Sub Property Of</u></b>	<a href="#">reuseParameter<sup>op</sup></a>
<b><u>Domain</u></b>	<a href="#">Window<sup>c</sup></a> <i>or</i> <a href="#">WindowFrame<sup>c</sup></a>
<b><u>Range</u></b>	<a href="#">Condition<sup>c</sup></a>

## has frame material<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/hasFrameMaterial">http://w3id.org/CEON/ontology/flatglass/hasFrameMaterial</a>
<b><u>Sub Property Of</u></b>	<a href="#">hasMaterialComposition<sup>op</sup></a>
<b><u>Domain</u></b>	<a href="#">WindowFrame<sup>c</sup></a> <i>or</i> <a href="#">Window<sup>c</sup></a>
<b><u>Range</u></b>	<a href="#">Material<sup>c</sup></a>

## LT above 63%<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/hasLightTransmission">http://w3id.org/CEON/ontology/flatglass/hasLightTransmission</a>
<b><u>Sub Property Of</u></b>	<a href="#">hasStructure<sup>op</sup></a>
<b><u>Domain</u></b>	<a href="#">WindowGlass<sup>c</sup></a> <i>or</i> <a href="#">Window<sup>c</sup></a>
<b><u>Range</u></b>	<a href="#">LigthTransmissionLevel<sup>c</sup></a>

## has material composition<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/hasMaterialComposition">http://w3id.org/CEON/ontology/flatglass/hasMaterialComposition</a>
<b><u>Sub Property Of</u></b>	<a href="#">recyclingParameter<sup>op</sup></a>
<b><u>Super Property Of</u></b>	<a href="#">has frame material<sup>op</sup></a>
<b><u>Domain</u></b>	<a href="#">BuiltElement<sup>c</sup></a>
<b><u>Range</u></b>	<a href="#">Material<sup>c</sup></a>

## Sound reduction 40/37/35/30<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/hasSoundReduction>

**Sub Property Of** [hasStructure<sup>op</sup>](#)

**Domain** [WindowGlass<sup>c</sup>](#) or [Window<sup>c</sup>](#)

**Range** [SoundReductionLevel<sup>c</sup>](#)

## has structure<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/hasStructure>

**Sub Property Of** [reuseParameter<sup>op</sup>](#)

**Super Property Of**

- [LT above 63%<sup>op</sup>](#)
- [Sound reduction 40/37/35/30<sup>op</sup>](#)
- [u-value 2,7/1,8/1,1/0,7<sup>op</sup>](#)
- [window type<sup>op</sup>](#)

**Domain** [BuiltElement<sup>c</sup>](#)

**Range** [StructuralParameter<sup>c</sup>](#)

## has type<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/hasType>

**Domain** [BuiltElement<sup>c</sup>](#)

**Range** [BuildingElementType<sup>c</sup>](#)

## u-value 2,7/1,8/1,1/0,7<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/hasUValue>

**Sub Property Of** [hasStructure<sup>op</sup>](#)

**Domain** [Window<sup>c</sup>](#) or [WindowGlass<sup>c</sup>](#)

**Range** [U-value<sup>c</sup>](#)



## window type<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/hasWindowComposition>

**Sub Property Of** [hasStructure<sup>op</sup>](#)

**Domain** [Window<sup>c</sup>](#) or [WindowGlass<sup>c</sup>](#)

**Range** [WindowCompositionType<sup>c</sup>](#)

## recycling parameter<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/recyclingParameter>

**Super Property Of** [hasMaterialComposition<sup>op</sup>](#)

## replacement frame or glass<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/replacementRecommendation>

**Sub Property Of** [reuseParameter<sup>op</sup>](#)

**Domain** [Window<sup>c</sup>](#)

**Range** [WindowGlass<sup>c</sup>](#) or [WindowFrame<sup>c</sup>](#)

## reuse parameter<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/reuseParameter>

**Super Property Of**

- [has frame condition<sup>op</sup>](#)
- [hasStructure<sup>op</sup>](#)
- [replacement frame or glass<sup>op</sup>](#)

## mounted from inside/outside<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/windowDismounting>

**Sub Property Of** [dismountingParameter<sup>op</sup>](#)

**Domain** [Window<sup>c</sup>](#)

**Range** [DismountingDirection<sup>c</sup>](#)

## Datatype Properties

body tinted glass<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/bodyTintedGlass>

**Sub Property Of** [recycleParameterValue](#)<sup>dp</sup>

**Domain** [WindowGlass](#)<sup>c</sup> or [Window](#)<sup>c</sup>

**Range** [xsd:boolean](#)

connected<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/connected>

**Description** A window composed of two connected glass panes.

**Sub Property Of** [structuralValue](#)<sup>dp</sup>

**Domain** [Window](#)<sup>c</sup>

**Range** [xsd:boolean](#)

Asbestos Y/N<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/containsAsbestos>

**Sub Property Of** [recycleParameterValue](#)<sup>dp</sup>

**Domain** [Window](#)<sup>c</sup> or [WindowFrame](#)<sup>c</sup>

**Range** [xsd:boolean](#)

PCB Y/N<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/containsPCB>

**Sub Property Of** [recycleParameterValue](#)<sup>dp</sup>

**Domain** [Window](#)<sup>c</sup>

**Range** [xsd:boolean](#)

## door<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/door">http://w3id.org/CEON/ontology/flatglass/door</a>
<b><u>Sub Property Of</u></b>	<a href="#">structuralValue</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">BuiltElement</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## enamelled glass<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/enamelledGlass">http://w3id.org/CEON/ontology/flatglass/enamelledGlass</a>
<b><u>Sub Property Of</u></b>	<a href="#">recycleParameterValue</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">WindowGlass</a> <sup>c</sup> or <a href="#">Window</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## film on glass<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/filmOnGlass">http://w3id.org/CEON/ontology/flatglass/filmOnGlass</a>
<b><u>Sub Property Of</u></b>	<a href="#">recycleParameterValue</a> <sup>dp</sup>
<b><u>Super Property Of</u></b>	<a href="#">film thicker than 0.25mm</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">Window</a> <sup>c</sup> or <a href="#">WindowGlass</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## film thicker than 0.25mm<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/filmThickerThan0point25">http://w3id.org/CEON/ontology/flatglass/filmThickerThan0point25</a>
<b><u>Sub Property Of</u></b>	<a href="#">film on glass</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">Window</a> <sup>c</sup> or <a href="#">WindowGlass</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## fire glass<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/fireGlass">http://w3id.org/CEON/ontology/flatglass/fireGlass</a>
<b><u>Sub Property Of</u></b>	<a href="#">recycleParameterValue</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">Window</a> <sup>c</sup> or <a href="#">WindowGlass</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## fire glass with gel<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/fireGlassWGel">http://w3id.org/CEON/ontology/flatglass/fireGlassWGel</a>
<b><u>Sub Property Of</u></b>	<a href="#">recycleParameterValue</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">Window</a> <sup>c</sup> or <a href="#">WindowGlass</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## fire glass without gel<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/fireGlassWoGel">http://w3id.org/CEON/ontology/flatglass/fireGlassWoGel</a>
<b><u>Sub Property Of</u></b>	<a href="#">recycleParameterValue</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">Window</a> <sup>c</sup> or <a href="#">WindowGlass</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## Georgian bar in singl fram/IGU?<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/georgianBar">http://w3id.org/CEON/ontology/flatglass/georgianBar</a>
<b><u>Sub Property Of</u></b>	<a href="#">recycleParameterValue</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">Window</a> <sup>c</sup> or <a href="#">WindowGlass</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## integrated blind<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/hasIntegratedBlind">http://w3id.org/CEON/ontology/flatglass/hasIntegratedBlind</a>
<b><u>Sub Property Of</u></b>	<a href="#">reuseParameterValue</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">Window</a> <sup>c</sup> or <a href="#">WindowFrame</a> <sup>c</sup> or <a href="#">WindowGlass</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## laminated glass<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/laminatedGlass">http://w3id.org/CEON/ontology/flatglass/laminatedGlass</a>
<b><u>Sub Property Of</u></b>	<a href="#">recycleParameterValue</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">Window</a> <sup>c</sup> or <a href="#">WindowGlass</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## manufacturing month year (mmYY)<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/manufacturingMonthYear">http://w3id.org/CEON/ontology/flatglass/manufacturingMonthYear</a>
<b><u>Sub Property Of</u></b>	<a href="#">recycleParameterValue</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">WindowGlass</a> <sup>c</sup> or <a href="#">WindowFrame</a> <sup>c</sup> or <a href="#">Window</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:gMonthYear</a>

## openable<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/flatglass/openable">http://w3id.org/CEON/ontology/flatglass/openable</a>
<b><u>Sub Property Of</u></b>	<a href="#">structuralValue</a> <sup>dp</sup>
<b><u>Domain</u></b>	<a href="#">Window</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">xsd:boolean</a>

## patterned glass<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/patternedGlass>

**Sub Property Of** [recycleParameterValue<sup>dp</sup>](#)

**Domain** [WindowGlass<sup>c</sup>](#) or [Window<sup>c</sup>](#)

**Range** [xsd:boolean](#)

## recycle parameter value<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/recycleParameterValue>

**Super Property Of**

- [body tinted glass<sup>dp</sup>](#)
- [Asbestos Y/N<sup>dp</sup>](#)
- [PCB Y/N<sup>dp</sup>](#)
- [enamelled glass<sup>dp</sup>](#)
- [film on glass<sup>dp</sup>](#)
- [fire glass<sup>dp</sup>](#)
- [fire glass with gel<sup>dp</sup>](#)
- [fire glass without gel<sup>dp</sup>](#)
- [Georgian bar in singl fram/IGU?<sup>dp</sup>](#)
- [laminated glass<sup>dp</sup>](#)
- [manufacturing month year \(mmYY\)<sup>dp</sup>](#)
- [patterned glass<sup>dp</sup>](#)
- [size<sup>dp</sup>](#)
- [stamp on glass<sup>dp</sup>](#)
- [tempered glass<sup>dp</sup>](#)
- [total glass thickness<sup>dp</sup>](#)
- [wired glass<sup>dp</sup>](#)

## reuse parameter value<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/reuseParameterValue>

**Super Property Of**

- [integrated blind<sup>dp</sup>](#)
- [solar control glass<sup>dp</sup>](#)

## size<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/size>

**Sub Property Of** [recycleParameterValue<sup>dp</sup>](#)

**Domain** [WindowGlass<sup>c</sup>](#) or [WindowFrame<sup>c</sup>](#) or [Window<sup>c</sup>](#)

## solar control glass<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/solarControlGlass>

**Sub Property Of** [reuseParameterValue<sup>dp</sup>](#)

**Domain** [Window<sup>c</sup>](#) or [WindowGlass<sup>c</sup>](#)

**Range** [xsd:boolean](#)

## stamp on glass<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/stampOnGlass>

**Sub Property Of** [recycleParameterValue<sup>dp</sup>](#)

**Domain** [WindowGlass<sup>c</sup>](#) or [Window<sup>c</sup>](#)

**Range** [xsd:boolean](#)

## structural value<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/structuralValue>

**Super Property Of**

- [connected<sup>dp</sup>](#)
- [door<sup>dp</sup>](#)
- [openable<sup>dp</sup>](#)
- [window door<sup>dp</sup>](#)

## tempered glass<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/temperedGlass>

**Sub Property Of** [recycleParameterValue<sup>dp</sup>](#)

**Domain** [WindowGlass<sup>c</sup>](#) or [Window<sup>c</sup>](#)

**Range** [xsd:boolean](#)

total glass thickness<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/totalGlassThickness>

**Sub Property Of** [recycleParameterValue<sup>dp</sup>](#)

**Domain** [Window<sup>c</sup>](#) or [WindowGlass<sup>c</sup>](#)

**Range** [xsd:float](#)

window door<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/windowDoor>

**Sub Property Of** [structuralValue<sup>dp</sup>](#)

**Domain** [BuiltElement<sup>c</sup>](#)

**Range** [xsd:boolean](#)

wired glass<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/flatglass/wiredGlass>

**Sub Property Of** [recycleParameterValue<sup>dp</sup>](#)

**Domain** [Window<sup>c</sup>](#) or [WindowGlass<sup>c</sup>](#)

**Range** [xsd:boolean](#)

## Annotation Properties

contributor<sup>ap</sup>

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

created<sup>ap</sup>

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

creator<sup>ap</sup>

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



description <sup>ap</sup>	
IRI	<a href="http://purl.org/dc/terms/description">http://purl.org/dc/terms/description</a>
license <sup>ap</sup>	
IRI	<a href="http://purl.org/dc/terms/license">http://purl.org/dc/terms/license</a>
title <sup>ap</sup>	
IRI	<a href="http://purl.org/dc/terms/title">http://purl.org/dc/terms/title</a>
preferred namespace prefix <sup>ap</sup>	
IRI	<a href="http://purl.org/vocab/vann/preferredNamespacePrefix">http://purl.org/vocab/vann/preferredNamespacePrefix</a>
preferred namespace uri <sup>ap</sup>	
IRI	<a href="http://purl.org/vocab/vann/preferredNamespaceUri">http://purl.org/vocab/vann/preferredNamespaceUri</a>

## Namespaces

:

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

**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/>

**xsd**

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

## Legend

c  
op  
dp  
ap

Classes  
Object Properties  
Datatype Properties  
Annotation Properties