

Flat Glass Ontology

Metadata

IRI

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

Title

Flat Glass Ontology

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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^C

IRI <http://w3id.org/CEON/ontology/flatglass/#BuildingElementType>

In Range Of [hasType^{op}](#)

Super Class Of [WindowGlassType^C](#)
[WindowType^C](#)

Built Element^C

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

In Domain Of

[dismountingParameter](#)^{op}
[has component](#)^{op}
[hasMaterialComposition](#)^{op}
[hasStructure](#)^{op}
[hasType](#)^{op}
[door](#)^{dp}
[window door](#)^{dp}

In Range Of

[has component](#)^{op}

Super Class Of

[Window](#)^C
[WindowFrame](#)^C
[WindowGlass](#)^C

Condition^C

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

Sub Class Of

[StructuralParameter](#)^C

Equivalentclass

In Range Of

[has frame condition](#)^{op}

Named Individuals

[fair](#)ⁿⁱ
[good](#)ⁿⁱ
[poor condition](#)ⁿⁱ

Dismounting Direction^C

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

Sub Class Of

[DismountingParameter](#)^C

In Range Of

[mounted from inside/outside](#)^{op}

Named Individuals

[from inside](#)ⁿⁱ
[from outside](#)ⁿⁱ

Dismounting Parameter^C

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

In Range Of [dismountingParameter^{op}](#)

Super Class Of [DismountingDirection^C](#)

Downcyclable Window^C

IRI <http://w3id.org/CEON/ontology/flatglass/#DowncyclableWindow>

Sub Class Of [Window^C](#)

Equivalentclass [DowncyclableWindowWThickFilm^C](#) or [DowncyclableWindowWBodyTintedGlass^C](#)
or [DowncyclableWindowWithLaminatedGlass^C](#) or
[DowncyclableWindowEnamelledGlass^C](#)

Super Class Of [DowncyclableWindowEnamelledGlass^C](#)
[DowncyclableWindowWBodyTintedGlass^C](#)
[DowncyclableWindowWThickFilm^C](#)
[DowncyclableWindowWithLaminatedGlass^C](#)

Downcyclable Window Enamelled Glass^C

IRI <http://w3id.org/CEON/ontology/flatglass/#DowncyclableWindowEnamelledGlass>

Sub Class Of [DowncyclableWindow^C](#)

Equivalentclass [Window^C](#) and [fire glass with gel^{dp}](#) value [false^C](#) and [wired glass^{dp}](#) value [false^C](#) and
[fire glass without gel^{dp}](#) value [false^C](#) and [enamelled glass^{dp}](#) value [true^C](#)

Downcyclable Window W Body Tinted Glass^C

IRI <http://w3id.org/CEON/ontology/flatglass/#DowncyclableWindowWBodyTintedGlass>

Sub Class Of [DowncyclableWindow^C](#)

Equivalentclass [Window^C](#) and [fire glass with gel^{dp}](#) value [false^C](#) and [wired glass^{dp}](#) value [false^C](#) and
[fire glass without gel^{dp}](#) value [false^C](#) and [body tinted glass^{dp}](#) value [true^C](#)

Downcyclable Window W Thick Film^c

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#DowncyclableWindowWThickFilm |
| Sub Class Of | DowncyclableWindow^c |
| Equivalentclass | Window^c <i>and</i> fire glass without gel^{dp} value false^c <i>and</i> wired glass^{dp} value false^c <i>and</i> fire glass with gel^{dp} value false^c <i>and</i> film thicker than 0.25mm^{dp} value true^c |

Downcyclable Window With Laminated Glass^c

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#DowncyclableWindowWithLaminatedGlass |
| Sub Class Of | DowncyclableWindow^c |
| Equivalentclass | laminated glass^{dp} value true^c <i>and</i> wired glass^{dp} value false^c <i>and</i> enamelled glass^{dp} value false^c <i>and</i> fire glass with gel^{dp} value false^c <i>and</i> film thicker than 0.25mm^{dp} value false^c <i>and</i> body tinted glass^{dp} value false^c <i>and</i> fire glass without gel^{dp} value false^c <i>and</i> Window^c |

Ligth Transmission Level^c

| | |
|--------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#LigthTransmissionLevel |
| Sub Class Of | StructuralParameter^c |
| Equivalentclass | |
| In Range Of | LT above 63%^{op} |
| Named Individuals | Above63Percⁿⁱ Below63Percⁿⁱ |

Material^c

| | |
|--------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#Material |
| In Range Of | has frame material^{op} hasMaterialComposition^{op} |
| Named Individuals | Aluminiumⁿⁱ PVCⁿⁱ Steelⁿⁱ Woodⁿⁱ |

Non Recyclable Window^C

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#NonRecyclableWindow |
| Sub Class Of | Window^C |
| Equivalentclass | Window^C and fire glass with gel^{dp} value true^C or wired glass^{dp} value true^C or fire glass without gel^{dp} value true^C or fire glass^{dp} value true^C |

Recyclable Window^C

| | |
|------------------------|--|
| IRI | http://w3id.org/CEON/ontology/flatglass/#RecyclableWindow |
| Sub Class Of | Window^C |
| Equivalentclass | film thicker than 0.25mm^{dp} value false^C and laminated glass^{dp} value false^C and fire glass^{dp} value false^C or fire glass without gel^{dp} value false^C and fire glass with gel^{dp} value false^C and enamelled glass^{dp} value false^C and body tinted glass^{dp} value false^C and wired glass^{dp} value false^C and Window^C |
| Super Class Of | RecyclableWindowWBlinds^C RecyclableWindowWFilmOnGlass^C RecyclableWindowWGeorgianBar^C RecyclableWindowWHazardousSubstance^C RecyclableWindowWTemperedGlass^C |

Recyclable Window W Asbestos^C

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#RecyclableWindowWAsbestos |
| Sub Class Of | RecyclableWindowWHazardousSubstance^C |
| Equivalentclass | RecyclableWindow^C and Asbestos Y/N^{dp} value true^C |

Recyclable Window W Blinds^C

| | |
|------------------------|--|
| IRI | http://w3id.org/CEON/ontology/flatglass/#RecyclableWindowWBlinds |
| Sub Class Of | RecyclableWindow^C |
| Equivalentclass | integrated blind^{dp} value true^C and PCB Y/N^{dp} value false^C and Asbestos Y/N^{dp} value false^C and RecyclableWindow^C |

Recyclable Window W Film On Glass^c

| | |
|------------------------|--|
| IRI | http://w3id.org/CEON/ontology/flatglass/#RecyclableWindowWFilmOnGlass |
| Sub Class Of | RecyclableWindow ^c |
| Equivalentclass | RecyclableWindow ^c and PCB Y/N ^{dp} value false ^c and Asbestos Y/N ^{dp} value false ^c and film on glass ^{dp} value true ^c |

Recyclable Window W Georgian Bar^c

| | |
|------------------------|--|
| IRI | http://w3id.org/CEON/ontology/flatglass/#RecyclableWindowWGeorgianBar |
| Sub Class Of | RecyclableWindow ^c |
| Equivalentclass | PCB Y/N ^{dp} value false ^c and Asbestos Y/N ^{dp} value false ^c and Georgian bar in singl fram/IGU? ^{dp} value true ^c and RecyclableWindow ^c |

Recyclable Window W Hazardous Substance^c

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#RecyclableWindowWHazardousSubstance |
| Sub Class Of | RecyclableWindow ^c |
| Equivalentclass | RecyclableWindowWAsbestos ^c or RecyclableWindowWPCB ^c |
| Super Class Of | RecyclableWindowWAsbestos ^c RecyclableWindowWPCB ^c |

Recyclable Window Wpcb^c

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#RecyclableWindowWPCB |
| Sub Class Of | RecyclableWindowWHazardousSubstance ^c |
| Equivalentclass | RecyclableWindow ^c and PCB Y/N ^{dp} value true ^c |

Recyclable Window W Tempered Glass^c

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#RecyclableWindowWTemperedGlass |
| Sub Class Of | RecyclableWindow ^c |
| Equivalentclass | tempered glass ^{dp} value true ^c and RecyclableWindow ^c and Asbestos Y/N ^{dp} value false ^c and PCB Y/N ^{dp} value false ^c |

Reusable Window^C

| | |
|------------------------|--|
| IRI | http://w3id.org/CEON/ontology/flatglass/#ReusableWindow |
| Sub Class Of | Window^C |
| Equivalentclass | has frame condition^{op} value good^C <i>and</i> Sound reduction 40/37/35/30^{op} value level37^C <i>or</i> Sound reduction 40/37/35/30^{op} value level40^C <i>and</i> u-value 2,7/1,8/1,1/0,7^{op} value 2.7^C <i>or</i> u-value 2,7/1,8/1,1/0,7^{op} value 1.8^C <i>and</i> LT above 63%^{op} value Above63Perc^C |

Sound Reduction Level^C

| | |
|--------------------------|--|
| IRI | http://w3id.org/CEON/ontology/flatglass/#SoundReductionLevel |
| Sub Class Of | StructuralParameter^C |
| Equivalentclass | |
| In Range Of | Sound reduction 40/37/35/30^{op} |
| Named Individuals | level30ⁿⁱ level35ⁿⁱ level37ⁿⁱ level40ⁿⁱ |

Structural Parameter^C

| | |
|-----------------------|--|
| IRI | http://w3id.org/CEON/ontology/flatglass/#StructuralParameter |
| In Range Of | hasStructure^{op} |
| Super Class Of | Condition^C LigthTransmissionLevel^C SoundReductionLevel^C U-value^C WindowCompositionType^C |

U-Value^C

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

Sub Class Of [StructuralParameter^C](#)

Equivalentclass

In Range Of [u-value 2,7/1,8/1,1/0,7^{op}](#)

Named Individuals
[0.7ⁿⁱ](#)
[1.1ⁿⁱ](#)
[1.8ⁿⁱ](#)
[2.7ⁿⁱ](#)

Window^C

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

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

In Domain Of
[replacement frame or glass^{op}](#)
[mounted from inside/outside^{op}](#)
[connected^{dp}](#)
[PCB Y/N^{dp}](#)
[openable^{dp}](#)

Super Class Of
[DowncyclableWindow^C](#)
[NonRecyclableWindow^C](#)
[RecyclableWindow^C](#)
[ReusableWindow^C](#)

Window Composition Type^C

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

Sub Class Of [StructuralParameter^C](#)

In Range Of [window type^{op}](#)

Named Individuals
[IGU onlyⁿⁱ](#)
[single glass onlyⁿⁱ](#)
[connected 1+1ⁿⁱ](#)
[connected 2+1ⁿⁱ](#)

Window Frame^C

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

Sub Class Of [BuiltElement^C](#)

Window Glass^C

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

Sub Class Of [BuiltElement^C](#)

Window Glass Type^C

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

Sub Class Of [BuildingElementType^C](#)

Window Type^C

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

Sub Class Of [BuildingElementType^C](#)

Object Properties

dismounting parameter^{op}

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

Super Property Of [mounted from inside/outside^{op}](#)

Domain [BuiltElement^c](#)

Range [DismountingParameter^c](#)

has component^{op}

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

Domain [BuiltElement^c](#)

Range [BuiltElement^c](#)

has frame condition^{op}

IRI <http://w3id.org/CEON/ontology/flatglass/#hasFrameCondition>

Sub Property Of [reuseParameter^{op}](#)

Domain [Window^c](#) or [WindowFrame^c](#)

Range [Condition^c](#)

has frame material^{op}

IRI <http://w3id.org/CEON/ontology/flatglass/#hasFrameMaterial>

Sub Property Of [hasMaterialComposition^{op}](#)

Domain [WindowFrame^c](#) or [Window^c](#)

Range [Material^c](#)

LT above 63%^{op}

IRI <http://w3id.org/CEON/ontology/flatglass/#hasLightTransmission>

Sub Property Of [hasStructure](#)^{op}

Domain [WindowGlass](#)^c or [Window](#)^c

Range [LigthTransmissionLevel](#)^c

has material composition^{op}

IRI <http://w3id.org/CEON/ontology/flatglass/#hasMaterialComposition>

Sub Property Of [recyclingParameter](#)^{op}

Super Property Of [has frame material](#)^{op}

Domain [BuiltElement](#)^c

Range [Material](#)^c

Sound reduction 40/37/35/30^{op}

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

Sub Property Of [hasStructure](#)^{op}

Domain [Window](#)^c or [WindowGlass](#)^c

Range [SoundReductionLevel](#)^c

has structure^{op}

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

Sub Property Of [reuseParameter](#)^{op}

Super Property Of

- [LT above 63%](#)^{op}
- [Sound reduction 40/37/35/30](#)^{op}
- [u-value 2.7/1.8/1.1/0.7](#)^{op}
- [window type](#)^{op}

Domain [BuiltElement](#)^c

Range [StructuralParameter](#)^c

has type^{op}

| | |
|----------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#hasType |
| <u>Domain</u> | BuiltElement^c |
| <u>Range</u> | BuildingElementType^c |

u-value 2,7/1,8/1,1/0,7^{op}

| | |
|-------------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#hasUValue |
| <u>Sub Property Of</u> | hasStructure^{op} |
| <u>Domain</u> | Window^c or WindowGlass^c |
| <u>Range</u> | U-value^c |

window type^{op}

| | |
|-------------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#hasWindowComposition |
| <u>Sub Property Of</u> | hasStructure^{op} |
| <u>Domain</u> | WindowGlass^c or Window^c |
| <u>Range</u> | WindowCompositionType^c |

recycling parameter^{op}

| | |
|---------------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#recyclingParameter |
| <u>Super Property Of</u> | hasMaterialComposition^{op} |

replacement frame or glass^{op}

| | |
|-------------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#replacementRecommendation |
| <u>Sub Property Of</u> | reuseParameter^{op} |
| <u>Domain</u> | Window^c |
| <u>Range</u> | WindowFrame^c or WindowGlass^c |

reuse parameter^{op}

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

Super Property Of

- [has frame condition](#)^{op}
- [hasStructure](#)^{op}
- [replacement frame or glass](#)^{op}

mounted from inside/outside^{op}

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

Sub Property Of [dismountingParameter](#)^{op}

Domain [Window](#)^c

Range [DismountingDirection](#)^c

Datatype Properties

body tinted glass^{dp}

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

Sub Property Of [recycleParameterValue](#)^{dp}

Domain [Window](#)^c or [WindowGlass](#)^c

Range [xsd:boolean](#)

connected^{dp}

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

Description A window composed of two connected glass panes.

Sub Property Of [structuralValue](#)^{dp}

Domain [Window](#)^c

Range [xsd:boolean](#)

Asbestos Y/N^{dp}

| | |
|-------------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#containsAsbestos |
| <u>Sub Property Of</u> | recycleParameterValue ^{dp} |
| <u>Domain</u> | WindowFrame ^C or Window ^C |
| <u>Range</u> | xsd:boolean |

PCB Y/N^{dp}

| | |
|-------------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#containsPCB |
| <u>Sub Property Of</u> | recycleParameterValue ^{dp} |
| <u>Domain</u> | Window ^C |
| <u>Range</u> | xsd:boolean |

door^{dp}

| | |
|-------------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#door |
| <u>Sub Property Of</u> | structuralValue ^{dp} |
| <u>Domain</u> | BuiltElement ^C |
| <u>Range</u> | xsd:boolean |

enamelled glass^{dp}

| | |
|-------------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#enamelledGlass |
| <u>Sub Property Of</u> | recycleParameterValue ^{dp} |
| <u>Domain</u> | WindowGlass ^C or Window ^C |
| <u>Range</u> | xsd:boolean |

film on glass^{dp}

| | |
|--------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#filmOnGlass |
| Sub Property Of | recycleParameterValue ^{dp} |
| Super Property Of | film thicker than 0.25mm ^{dp} |
| Domain | WindowGlass ^c or Window ^c |
| Range | xsd:boolean |

film thicker than 0.25mm^{dp}

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#filmThickerThan0point25 |
| Sub Property Of | film on glass ^{dp} |
| Domain | WindowGlass ^c or Window ^c |
| Range | xsd:boolean |

fire glass^{dp}

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#fireGlass |
| Sub Property Of | recycleParameterValue ^{dp} |
| Domain | WindowGlass ^c or Window ^c |
| Range | xsd:boolean |

fire glass with gel^{dp}

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#fireGlassWGel |
| Sub Property Of | recycleParameterValue ^{dp} |
| Domain | Window ^c or WindowGlass ^c |
| Range | xsd:boolean |

fire glass without gel^{dp}

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#fireGlassWoGel |
| Sub Property Of | recycleParameterValue^{dp} |
| Domain | WindowGlass^c or Window^c |
| Range | xsd:boolean |

Georgian bar in singl fram/IGU?^{dp}

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#georgianBar |
| Sub Property Of | recycleParameterValue^{dp} |
| Domain | WindowGlass^c or Window^c |
| Range | xsd:boolean |

integrated blind^{dp}

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#hasIntegratedBlind |
| Sub Property Of | reuseParameterValue^{dp} |
| Domain | WindowGlass^c or WindowFrame^c or Window^c |
| Range | xsd:boolean |

laminated glass^{dp}

| | |
|------------------------|---|
| IRI | http://w3id.org/CEON/ontology/flatglass/#laminatedGlass |
| Sub Property Of | recycleParameterValue^{dp} |
| Domain | WindowGlass^c or Window^c |
| Range | xsd:boolean |

manufacturing month year (mmYY)^{dp}

IRI <http://w3id.org/CEON/ontology/flatglass/#manufacturingMonthYear>

Sub Property Of [recycleParameterValue](#)^{dp}

Domain [WindowGlass](#)^c or [Window](#)^c or [WindowFrame](#)^c

Range [xsd:gMonthYear](#)

openable^{dp}

IRI <http://w3id.org/CEON/ontology/flatglass/#openable>

Sub Property Of [structuralValue](#)^{dp}

Domain [Window](#)^c

Range [xsd:boolean](#)

patterned glass^{dp}

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

Sub Property Of [recycleParameterValue](#)^{dp}

Domain [WindowGlass](#)^c or [Window](#)^c

Range [xsd:boolean](#)

recycle parameter value^{dp}

IRI

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

Super Property Of

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

reuse parameter value^{dp}

IRI

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

Super Property Of

- [integrated blind](#)^{dp}
- [solar control glass](#)^{dp}

size^{dp}

IRI

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

Sub Property Of

[recycleParameterValue](#)^{dp}

Domain

[Window](#)^c or [WindowGlass](#)^c or [WindowFrame](#)^c

solar control glass^{dp}

IRI

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

Sub Property Of

[reuseParameterValue](#)^{dp}

Domain

[Window](#)^c or [WindowGlass](#)^c

Range

[xsd:boolean](#)

stamp on glass^{dp}

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

Sub Property Of [recycleParameterValue^{dp}](#)

Domain [Window^c](#) or [WindowGlass^c](#)

Range [xsd:boolean](#)

structural value^{dp}

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

Super Property Of

- [connected^{dp}](#)
- [door^{dp}](#)
- [openable^{dp}](#)
- [window door^{dp}](#)

tempered glass^{dp}

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

Sub Property Of [recycleParameterValue^{dp}](#)

Domain [Window^c](#) or [WindowGlass^c](#)

Range [xsd:boolean](#)

total glass thickness^{dp}

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

Sub Property Of [recycleParameterValue^{dp}](#)

Domain [WindowGlass^c](#) or [Window^c](#)

Range [xsd:float](#)

window door^{dp}

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

Sub Property Of [structuralValue](#)^{dp}

Domain [BuiltElement](#)^c

Range [xsd:boolean](#)

wired glass^{dp}

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

Sub Property Of [recycleParameterValue](#)^{dp}

Domain [WindowGlass](#)^c or [Window](#)^c

Range [xsd:boolean](#)

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/# |
| 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 | Classes |
| op | Object Properties |
| dp | Datatype Properties |
| ap | Annotation Properties |