

# Circular Economy Ontology Network (CEON) - Construction Module

## Metadata

**IRI**

<http://w3id.org/CEON/demo/construction/>

**Title**

Circular Economy Ontology Network (CEON) - Construction Module

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**License**

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**Version Iri**

<http://w3id.org/CEON/demo/construction/0.2/>

**Version Info**

0.2

**Preferred Namespace Prefix**

construction

**Preferred Namespace Uri**

<http://w3id.org/CEON/demo/construction/>

**Description**

The construction use case ontology in Onto-DESIDE, as a module of CEON.

## Classes

A1Raw M Aterial Extraction Impact <sup>C</sup>	
IRI	<a href="http://w3id.org/CEON/demo/construction/A1RawMAterialExtractionImpact">http://w3id.org/CEON/demo/construction/A1RawMAterialExtractionImpact</a>
Sub Class Of	<a href="#">ProductStageImpact<sup>C</sup></a>

A2Transportation Of Raw Materials Impact <sup>C</sup>	
IRI	<a href="http://w3id.org/CEON/demo/construction/A2TransportationOfRawMaterialsImpact">http://w3id.org/CEON/demo/construction/A2TransportationOfRawMaterialsImpact</a>
Sub Class Of	<a href="#">ProductStageImpact<sup>C</sup></a>

A3Manufacturing Impact <sup>C</sup>	
IRI	<a href="http://w3id.org/CEON/demo/construction/A3ManufacturingImpact">http://w3id.org/CEON/demo/construction/A3ManufacturingImpact</a>
Sub Class Of	<a href="#">ProductStageImpact<sup>C</sup></a>

#### A4Transportation Of Manufactured Products Impact<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/A4TransportationOfManufacturedProductsImpact>

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

#### A5The Construction Phase Impact<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/A5TheConstructionPhaseImpact>

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

#### B1Installed Product Impact<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/B1InstalledProductImpact>

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

#### B2Maintenance Impact<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/B2MaintenanceImpact>

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

#### B3Repair Impact<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/B3RepairImpact>

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

#### B4Replacement Impact<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/B4ReplacementImpact>

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

#### B5Refurbishment Impact<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/B5RefurbishmentImpact>

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

## B6Operational Energy Consumption<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/B6OperationalEnergyConsumption>

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

## B7Operational Water Use<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/B7OperationalWaterUse>

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

## Beyond End Of Life<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/BeyondEndOfLife>

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

## C1Demolition<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/C1Demolition>

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

## C2Transportation Of Demolition Waste<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/C2TransportationOfDemolitionWaste>

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

## C3Recycling Or Disposal<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/C3RecyclingOrDisposal>

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

## C4Final Disposal<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/C4FinalDisposal>

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

## Co2Eq<sup>C</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/CO2Eq>

**Sub Class Of** <http://qudt.org/schema/qudt/Unit>

## Conductivity<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/Conductivity">http://w3id.org/CEON/demo/construction/Conductivity</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasConductivityValue</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasConductivityProperty</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasConductivityValue</a> <sup>op</sup> only <a href="#">Conductivity</a> <sup>C</sup>

## Conductivity Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/ConductivityValue">http://w3id.org/CEON/demo/construction/ConductivityValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasConductivityValue</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">ConductivityValue</a> <sup>C</sup>

## Construction Product Quality<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/ConstructionProductQuality">http://w3id.org/CEON/demo/construction/ConstructionProductQuality</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/ResourceQuality">http://w3id.org/CEON/ontology/resourceODP/ResourceQuality</a>
<b>In Range Of</b>	<a href="#">hasProductQuality</a> <sup>op</sup>
<b>Named Individuals</b>	<a href="#">construction_product_quality_high</a> <sup>ni</sup> <a href="#">construction_product_quality_low</a> <sup>ni</sup> <a href="#">construction_product_quality_medium</a> <sup>ni</sup>

## Contaminant<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/Contaminant">http://w3id.org/CEON/demo/construction/Contaminant</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/Matter">http://w3id.org/CEON/ontology/resourceODP/Matter</a>
<b>In Range Of</b>	<a href="#">hasContaminant</a> <sup>op</sup>

## Dimensional Deviation<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/DimensionalDeviation">http://w3id.org/CEON/demo/construction/DimensionalDeviation</a>
<b>In Range Of</b>	<a href="#">hasDimensionalDeviation</a> <sup>op</sup>

## Dismantling Cost Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/DismantlingCostValue">http://w3id.org/CE0N/demo/construction/DismantlingCostValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>c</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>c</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">DismantlingCostValue</a> <sup>c</sup>

## End Of Life Stage<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/EndOfLifeStage">http://w3id.org/CE0N/demo/construction/EndOfLifeStage</a>
<b>Sub Class Of</b>	<a href="#">LifeCycleAssessmentImpact</a> <sup>c</sup>
<b>Super Class Of</b>	<a href="#">C1Demolition</a> <sup>c</sup> <a href="#">C2TransportationOfDemolitionWaste</a> <sup>c</sup> <a href="#">C3RecyclingOrDisposal</a> <sup>c</sup> <a href="#">C4FinalDisposal</a> <sup>c</sup>

## Environmental Impact<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/EnvironmentalImpact">http://w3id.org/CE0N/demo/construction/EnvironmentalImpact</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>Super Class Of</b>	<a href="#">LifeCycleAssessmentImpact</a> <sup>c</sup>

## Fire Resistance Rating<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FireResistanceRating">http://w3id.org/CE0N/demo/construction/FireResistanceRating</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Range Of</b>	<a href="#">hasFireResistanceRating</a> <sup>op</sup>
<b>Named Individuals</b>	<a href="#">F30</a> <sup>hi</sup> <a href="#">F60</a> <sup>hi</sup>

## Fire Resistance Relation<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FireResistanceRelation">http://w3id.org/CE0N/demo/construction/FireResistanceRelation</a>
<b>Sub Class Of</b>	<a href="#">actorODP:ResourceParticipation</a>

## Floor Panel Height<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FloorPanelHeight">http://w3id.org/CE0N/demo/construction/FloorPanelHeight</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">quantity:hasRefurbishmentCost</a>
<b>Restriction</b>	<a href="#">hasHeight</a> <sup>op</sup> only <a href="#">FloorPanelHeight</a> <sup>C</sup>

## Floor Panel Height Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FloorPanelHeightValue">http://w3id.org/CE0N/demo/construction/FloorPanelHeightValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">FloorPanelHeightValue</a> <sup>C</sup>

## Floor Panel Length<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FloorPanelLength">http://w3id.org/CE0N/demo/construction/FloorPanelLength</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>Restriction</b>	<a href="#">hasLength</a> <sup>op</sup> only <a href="#">FloorPanelLength</a> <sup>C</sup>

## Floor Panel Length Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FloorPanelLengthValue">http://w3id.org/CE0N/demo/construction/FloorPanelLengthValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">FloorPanelLengthValue</a> <sup>C</sup>

## Floor Panel Width<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FloorPanelWidth">http://w3id.org/CE0N/demo/construction/FloorPanelWidth</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>Restriction</b>	<a href="#">hasWidth</a> <sup>op</sup> only <a href="#">FloorPanelWidth</a> <sup>C</sup>

## Floor Panel Width Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FloorPanelWidthValue">http://w3id.org/CE0N/demo/construction/FloorPanelWidthValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">FloorPanelWidthValue</a> <sup>C</sup>

## Floor Tile<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FloorTile">http://w3id.org/CE0N/demo/construction/FloorTile</a>
<b>Sub Class Of</b>	<a href="#">product:Product</a>

## Floor Tile Condition<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FloorTileCondition">http://w3id.org/CE0N/demo/construction/FloorTileCondition</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CE0N/ontology/resourceODP/ResourceCondition">http://w3id.org/CE0N/ontology/resourceODP/ResourceCondition</a>
<b>Named Individuals</b>	<a href="#">bad_condition</a> <sup>ni</sup> <a href="#">good_condition</a> <sup>ni</sup> <a href="#">medium_condition</a> <sup>ni</sup>

## Floor Tile Condition Relation<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/FloorTileConditionRelation">http://w3id.org/CE0N/demo/construction/FloorTileConditionRelation</a>
<b>Sub Class Of</b>	<a href="#">actorODP:ResourceParticipation</a>

## Galvanized Steel Material<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/GalvanizedSteelMaterial">http://w3id.org/CE0N/demo/construction/GalvanizedSteelMaterial</a>
<b>Sub Class Of</b>	<a href="#">material:Material</a>

## Global Warming Potential<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/GlobalWarmingPotential">http://w3id.org/CE0N/demo/construction/GlobalWarmingPotential</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="#">CO2Eq</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="#">CO2Eq</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasGlobalWarmingPotential</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">GlobalWarmingPotential</a> <sup>C</sup>

## Installation Location<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/InstallationLocation">http://w3id.org/CEON/demo/construction/InstallationLocation</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/location/Location">http://w3id.org/CEON/ontology/location/Location</a>
<b>Restriction</b>	<a href="http://w3id.org/CEON/ontology/location/hasCity_max_1">http://w3id.org/CEON/ontology/location/hasCity_max 1</a> <a href="#">InstallationLocation<sup>C</sup></a> <a href="http://w3id.org/CEON/ontology/location/hasCountry_max_1">http://w3id.org/CEON/ontology/location/hasCountry_max 1</a> <a href="#">InstallationLocation<sup>C</sup></a> <a href="http://w3id.org/CEON/ontology/location/hasPostalCode_max_1">http://w3id.org/CEON/ontology/location/hasPostalCode_max 1</a> <a href="#">InstallationLocation<sup>C</sup></a> <a href="http://w3id.org/CEON/ontology/location/hasStreetAddress_max_1">http://w3id.org/CEON/ontology/location/hasStreetAddress_max 1</a> <a href="#">InstallationLocation<sup>C</sup></a>

## Life Cycle Assessment Impact<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/LifeCycleAssessmentImpact">http://w3id.org/CEON/demo/construction/LifeCycleAssessmentImpact</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="#">EnvironmentalImpact<sup>C</sup></a>
<b>In Domain Of</b>	<a href="#">hasGlobalWarmingPotential<sup>op</sup></a>
<b>Restriction</b>	<a href="#">hasGlobalWarmingPotential<sup>op</sup></a> only <a href="#">LifeCycleAssessmentImpact<sup>C</sup></a>
<b>Super Class Of</b>	<a href="#">BeyondEndOfLife<sup>C</sup></a> <a href="#">EndOfLifeStage<sup>C</sup></a> <a href="#">ProductStageImpact<sup>C</sup></a> <a href="#">UseStageImpact<sup>C</sup></a>

## Local Recycling Plant Distance<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/LocalRecyclingPlantDistance">http://w3id.org/CEON/demo/construction/LocalRecyclingPlantDistance</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit<sup>C</sup></a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit<sup>C</sup></a>
<b>In Range Of</b>	<a href="#">hasDistanceToRecyclingPlant<sup>op</sup></a> <a href="#">hasRecyclingPlant<sup>op</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">LocalRecyclingPlantDistance<sup>C</sup></a>



## Market Value For Product<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/MarketValueForProduct">http://w3id.org/CE0N/demo/construction/MarketValueForProduct</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a>
<b>In Range Of</b>	<a href="#">hasMarketValueForNewProduct<sup>op</sup></a> <a href="#">hasMarketValueForReusedProduct<sup>op</sup></a> <a href="#">quantity:hasMarketValue</a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">MarketValueForProduct<sup>C</sup></a>

## Maximal Dismantling Cost Per Sqm<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/MaximalDismantlingCostPerSqm">http://w3id.org/CE0N/demo/construction/MaximalDismantlingCostPerSqm</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a>
<b>Restriction</b>	<a href="#">quantity:hasDismantlingCost</a> only <a href="#">MaximalDismantlingCostPerSqm<sup>C</sup></a>

## Maximal Dismantling Cost Per Sqm Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/MaximalDismantlingCostPerSqmValue">http://w3id.org/CE0N/demo/construction/MaximalDismantlingCostPerSqmValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">MaximalDismantlingCostPerSqmValue<sup>C</sup></a>

## Maximal Dismantling Cost Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/MaximalDismantlingCostValue">http://w3id.org/CE0N/demo/construction/MaximalDismantlingCostValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">MaximalDismantlingCostValue<sup>C</sup></a>

## Minimal Dismantling Cost Per Sqm<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/MinimalDismantlingCostPerSqm">http://w3id.org/CEON/demo/construction/MinimalDismantlingCostPerSqm</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a>
<b>Restriction</b>	<a href="#">quantity:hasDismantlingCost</a> only <a href="#">MinimalDismantlingCostPerSqm<sup>C</sup></a>

## Minimal Dismantling Cost Per Sqm Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/MinimalDismantlingCostPerSqmValue">http://w3id.org/CEON/demo/construction/MinimalDismantlingCostPerSqmValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit&lt;sup&gt;C&lt;/sup&gt;">http://qudt.org/schema/qudt/Unit<sup>C</sup></a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit&lt;sup&gt;C&lt;/sup&gt;">http://qudt.org/schema/qudt/Unit<sup>C</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">MinimalDismantlingCostPerSqmValue<sup>C</sup></a>

## Minimal Dismantling Cost Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/MinimalDismantlingCostValue">http://w3id.org/CEON/demo/construction/MinimalDismantlingCostValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit&lt;sup&gt;C&lt;/sup&gt;">http://qudt.org/schema/qudt/Unit<sup>C</sup></a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit&lt;sup&gt;C&lt;/sup&gt;">http://qudt.org/schema/qudt/Unit<sup>C</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">MinimalDismantlingCostValue<sup>C</sup></a>

## Pedestal<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/Pedestal">http://w3id.org/CEON/demo/construction/Pedestal</a>
<b>Sub Class Of</b>	<a href="#">product:Item</a>

## Pedestal Height<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/PedestalHeight">http://w3id.org/CEON/demo/construction/PedestalHeight</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>Restriction</b>	<a href="#">hasHeight<sup>op</sup></a> only <a href="#">PedestalHeight<sup>C</sup></a>

## Pedestal Height Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/PedestalHeightValue">http://w3id.org/CEON/demo/construction/PedestalHeightValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#"><sup>C</sup>PedestalHeightValue</a>

## Pedestal Length<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/PedestalLength">http://w3id.org/CEON/demo/construction/PedestalLength</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>Restriction</b>	<a href="#"><sup>op</sup>hasLength</a> only <a href="#"><sup>C</sup>PedestalLength</a>

## Pedestal Length Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/PedestalLengthValue">http://w3id.org/CEON/demo/construction/PedestalLengthValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#"><sup>C</sup>PedestalLengthValue</a>

## Pedestal Width<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/PedestalWidth">http://w3id.org/CEON/demo/construction/PedestalWidth</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>Restriction</b>	<a href="#"><sup>op</sup>hasWidth</a> only <a href="#"><sup>C</sup>PedestalWidth</a>

## Pedestal Width Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/PedestalWidthValue">http://w3id.org/CEON/demo/construction/PedestalWidthValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup>http://qudt.org/schema/qudt/Unit</a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#"><sup>C</sup>PedestalWidthValue</a>

## Product Stage Impact<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/ProductStageImpact">http://w3id.org/CE0N/demo/construction/ProductStageImpact</a>
<b>Sub Class Of</b>	<a href="#">LifeCycleAssessmentImpact<sup>C</sup></a>
<b>Super Class Of</b>	<a href="#">A1RawMAterialExtractionImpact<sup>C</sup></a> <a href="#">A2TransportationOfRawMaterialsImpact<sup>C</sup></a> <a href="#">A3ManufacturingImpact<sup>C</sup></a> <a href="#">A4TransportationOfManufacturedProductsImpact<sup>C</sup></a> <a href="#">A5TheConstructionPhaseImpact<sup>C</sup></a>

## Recycling Deconstructability Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/RecyclingDeconstructabilityValue">http://w3id.org/CE0N/demo/construction/RecyclingDeconstructabilityValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup></a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup></a>
<b>In Range Of</b>	<a href="#">hasReuseDeconstructability<sup>op</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RecyclingDeconstructabilityValue<sup>C</sup></a>

## Recycling Potential Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/RecyclingPotentialValue">http://w3id.org/CE0N/demo/construction/RecyclingPotentialValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup></a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit"><sup>C</sup></a>
<b>In Range Of</b>	<a href="#">hasRecyclingPotential<sup>op</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RecyclingPotentialValue<sup>C</sup></a>

## Recycling Separability<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/RecyclingSeparability">http://w3id.org/CE0N/demo/construction/RecyclingSeparability</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty">http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasRecyclingSeparability<sup>op</sup></a>
<b>Restriction</b>	<a href="#">hasRecyclingSeparability<sup>op</sup></a> only <a href="#">RecyclingSeparability<sup>C</sup></a>

## Recycling Separability Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/RecyclingSeparabilityValue">http://w3id.org/CE0N/demo/construction/RecyclingSeparabilityValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasRecyclingSeparability</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RecyclingSeparabilityValue</a> <sup>C</sup>

## Refurbishment Cost Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/RefurbishmentCostValue">http://w3id.org/CE0N/demo/construction/RefurbishmentCostValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">quantity:hasRefurbishmentCost</a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">RefurbishmentCostValue</a> <sup>C</sup>

## Resistance To Earth<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/ResistanceToEarth">http://w3id.org/CE0N/demo/construction/ResistanceToEarth</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty">http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasResistanceToEarth</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasResistanceToEarth</a> <sup>op</sup> only <a href="#">ResistanceToEarth</a> <sup>C</sup>

## Resistance To Earth Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/ResistanceToEarthValue">http://w3id.org/CE0N/demo/construction/ResistanceToEarthValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasResistanceToEarth</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">ResistanceToEarthValue</a> <sup>C</sup>

## Reuse Deconstructability<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/ReuseDeconstructability">http://w3id.org/CEON/demo/construction/ReuseDeconstructability</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasReuseDeconstructability</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasReuseDeconstructability</a> <sup>op</sup> only <a href="#">ReuseDeconstructability</a> <sup>C</sup>

## Reuse Potential<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/ReusePotential">http://w3id.org/CEON/demo/construction/ReusePotential</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasRecyclingPotential</a> <sup>op</sup>
<b>In Range Of</b>	<a href="#">hasReusePotential</a> <sup>op</sup>
<b>Named Individuals</b>	<a href="#">high_reuse_potential</a> <sup>ni</sup> <a href="#">needs_refurbishment_before_reuse</a> <sup>ni</sup>

## Screw<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/Screw">http://w3id.org/CEON/demo/construction/Screw</a>
<b>Sub Class Of</b>	<a href="#">product:Item</a>

## System Maximal Weight<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/SystemMaximalWeight">http://w3id.org/CEON/demo/construction/SystemMaximalWeight</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CEON/ontology/resourceODP/ResourceProperty">http://w3id.org/CEON/ontology/resourceODP/ResourceProperty</a>
<b>Restriction</b>	<a href="#">hasSystemWeight</a> <sup>op</sup> only <a href="#">SystemMaximalWeight</a> <sup>C</sup>

## System Maximal Weight Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/demo/construction/SystemMaximalWeightValue">http://w3id.org/CEON/demo/construction/SystemMaximalWeightValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">SystemMaximalWeightValue</a> <sup>C</sup>

## System Minimal Weight<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/SystemMinimalWeight">http://w3id.org/CE0N/demo/construction/SystemMinimalWeight</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty">http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty</a>
<b>Restriction</b>	<a href="#">hasSystemWeight<sup>OP</sup></a> only <a href="#">SystemMinimalWeight<sup>C</sup></a>

## System Minimal Weight Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/SystemMinimalWeightValue">http://w3id.org/CE0N/demo/construction/SystemMinimalWeightValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit&lt;sup&gt;C&lt;/sup&gt;">http://qudt.org/schema/qudt/Unit<sup>C</sup></a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit&lt;sup&gt;C&lt;/sup&gt;">http://qudt.org/schema/qudt/Unit<sup>C</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">SystemMinimalWeightValue<sup>C</sup></a>

## System Weight<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/SystemWeight">http://w3id.org/CE0N/demo/construction/SystemWeight</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty">http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty</a>
<b>Restriction</b>	<a href="#">hasSystemWeight<sup>OP</sup></a> only <a href="#">SystemWeight<sup>C</sup></a>

## System Weight Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/SystemWeightValue">http://w3id.org/CE0N/demo/construction/SystemWeightValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit&lt;sup&gt;C&lt;/sup&gt;">http://qudt.org/schema/qudt/Unit<sup>C</sup></a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit&lt;sup&gt;C&lt;/sup&gt;">http://qudt.org/schema/qudt/Unit<sup>C</sup></a>
<b>In Range Of</b>	<a href="#">hasSystemWeight<sup>OP</sup></a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">SystemWeightValue<sup>C</sup></a>

## Testing Cost Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/TestingCostValue">http://w3id.org/CE0N/demo/construction/TestingCostValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit&lt;sup&gt;C&lt;/sup&gt;">http://qudt.org/schema/qudt/Unit<sup>C</sup></a> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit&lt;sup&gt;C&lt;/sup&gt;">http://qudt.org/schema/qudt/Unit<sup>C</sup></a>
<b>In Range Of</b>	<a href="#">quantity:hasTestingCost</a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">TestingCostValue<sup>C</sup></a>

## Thickness<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/Thickness">http://w3id.org/CE0N/demo/construction/Thickness</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/Quantity">http://qudt.org/schema/qudt/Quantity</a> <a href="http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty">http://w3id.org/CE0N/ontology/resourceODP/ResourceProperty</a>
<b>In Domain Of</b>	<a href="#">hasThickness</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">hasThickness</a> <sup>op</sup> only <a href="#">Thickness</a> <sup>C</sup>

## Thickness Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/ThicknessValue">http://w3id.org/CE0N/demo/construction/ThicknessValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasThickness</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">ThicknessValue</a> <sup>C</sup>

## Transport Cost Value<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/TransportCostValue">http://w3id.org/CE0N/demo/construction/TransportCostValue</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">quantity:hasTransportCost</a>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">TransportCostValue</a> <sup>C</sup>

## Treatment Policy<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/TreatmentPolicy">http://w3id.org/CE0N/demo/construction/TreatmentPolicy</a>
<b>Sub Class Of</b>	<a href="http://w3id.org/CE0N/ontology/resourceODP/Information">http://w3id.org/CE0N/ontology/resourceODP/Information</a>
<b>In Range Of</b>	<a href="#">policyOnTreatment</a> <sup>op</sup>
<b>Named Individuals</b>	<a href="#">refurbish</a> <sup>ni</sup> <a href="#">reprocess</a> <sup>ni</sup> <a href="#">reuse</a> <sup>ni</sup>



## Use Span Time<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/UseSpanTime">http://w3id.org/CE0N/demo/construction/UseSpanTime</a>
<b>Sub Class Of</b>	<a href="http://qudt.org/schema/qudt/QuantityValue">http://qudt.org/schema/qudt/QuantityValue</a> <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> only <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup> and <a href="http://qudt.org/schema/qudt/hasUnit">http://qudt.org/schema/qudt/hasUnit</a> some <a href="http://qudt.org/schema/qudt/Unit">http://qudt.org/schema/qudt/Unit</a> <sup>C</sup>
<b>In Range Of</b>	<a href="#">hasUseSpan</a> <sup>op</sup> <a href="#">hasUseSpanRemaining</a> <sup>op</sup> <a href="#">hasUseSpanTotal</a> <sup>op</sup>
<b>Restriction</b>	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a> only <a href="#">UseSpanTime</a> <sup>C</sup>

## Use Stage Impact<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/UseStageImpact">http://w3id.org/CE0N/demo/construction/UseStageImpact</a>
<b>Sub Class Of</b>	<a href="#">LifeCycleAssessmentImpact</a> <sup>C</sup>
<b>Super Class Of</b>	<a href="#">B1InstalledProductImpact</a> <sup>C</sup> <a href="#">B2MaintenanceImpact</a> <sup>C</sup> <a href="#">B3RepairImpact</a> <sup>C</sup> <a href="#">B4ReplacementImpact</a> <sup>C</sup> <a href="#">B5RefurbishmentImpact</a> <sup>C</sup> <a href="#">B6OperationalEnergyConsumption</a> <sup>C</sup> <a href="#">B7OperationalWaterUse</a> <sup>C</sup>

## Object Properties

### has accessory<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasAccessory">http://w3id.org/CE0N/demo/construction/hasAccessory</a>
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### has conductivity property<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasConductivityProperty">http://w3id.org/CE0N/demo/construction/hasConductivityProperty</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CE0N/ontology/resourceODP/hasResourceProperty">http://w3id.org/CE0N/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="#">product:Product</a> <sup>C</sup> or <a href="#">product:Item</a> <sup>C</sup>
<b>Range</b>	<a href="#">Conductivity</a> <sup>C</sup>

## has conductivity value<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasConductivityValue">http://w3id.org/CE0N/demo/construction/hasConductivityValue</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">Conductivity</a><sup>C</sup></li><li><a href="#">product:Item</a><sup>C</sup> or <a href="#">product:Product</a><sup>C</sup></li></ul>
<b>Range</b>	<a href="#">ConductivityValue</a> <sup>C</sup>

## has contaminant<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasContaminant">http://w3id.org/CE0N/demo/construction/hasContaminant</a>
<b>Domain</b>	<a href="#">product:Item</a> <sup>C</sup> or <a href="#">product:Product</a> <sup>C</sup>
<b>Range</b>	<a href="#">Contaminant</a> <sup>C</sup>

## has dimension<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasDimension">http://w3id.org/CE0N/demo/construction/hasDimension</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Super Property Of</b>	<ul style="list-style-type: none"><li><a href="#">hasHeight</a><sup>op</sup></li><li><a href="#">hasLength</a><sup>op</sup></li><li><a href="#">hasThickness</a><sup>op</sup></li><li><a href="#">hasWidth</a><sup>op</sup></li></ul>

## has dimensional deviation<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasDimensionalDeviation">http://w3id.org/CE0N/demo/construction/hasDimensionalDeviation</a>
<b>Sub Property Of</b>	<a href="#">topObjectProperty</a> <sup>op</sup>
<b>Domain</b>	<a href="#">product:Product</a> <sup>C</sup> or <a href="#">product:Item</a> <sup>C</sup>
<b>Range</b>	<a href="#">DimensionalDeviation</a> <sup>C</sup>

## has distance to recycling plant<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasDistanceToRecyclingPlant">http://w3id.org/CE0N/demo/construction/hasDistanceToRecyclingPlant</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<a href="#">product:Product</a> <sup>C</sup> or <a href="#">product:Item</a> <sup>C</sup>
<b>Range</b>	<a href="#">LocalRecyclingPlantDistance</a> <sup>C</sup>

## has fire resistance rating<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasFireResistanceRating">http://w3id.org/CE0N/demo/construction/hasFireResistanceRating</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty">http://w3id.org/CEON/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="#">product:Item<sup>C</sup></a> or <a href="#">product:Product<sup>C</sup></a>
<b>Range</b>	<a href="#">FireResistanceRating<sup>C</sup></a>

## has global warming potential<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasGlobalWarmingPotential">http://w3id.org/CE0N/demo/construction/hasGlobalWarmingPotential</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">LifeCycleAssessmentImpact<sup>C</sup></a></li><li><a href="#">product:Product<sup>C</sup></a> or <a href="#">product:Item<sup>C</sup></a></li></ul>
<b>Range</b>	<a href="#">GlobalWarmingPotential<sup>C</sup></a>

## has height<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasHeight">http://w3id.org/CE0N/demo/construction/hasHeight</a>
<b>Sub Property Of</b>	<a href="#">hasDimension<sup>op</sup></a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">PedestalHeight<sup>C</sup></a> or <a href="#">FloorPanelHeight<sup>C</sup></a></li><li><a href="#">product:Product<sup>C</sup></a> or <a href="#">product:Item<sup>C</sup></a></li></ul>
<b>Range</b>	<a href="#">PedestalHeightValue<sup>C</sup></a> or <a href="#">FloorPanelHeightValue<sup>C</sup></a>

## has installation location<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasInstallationLocation">http://w3id.org/CE0N/demo/construction/hasInstallationLocation</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CEON/ontology/location/hasLocation">http://w3id.org/CEON/ontology/location/hasLocation</a>
<b>Domain</b>	<a href="#">product:Product<sup>C</sup></a> or <a href="#">product:Item<sup>C</sup></a>

## has length<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasLength">http://w3id.org/CE0N/demo/construction/hasLength</a>
<b>Sub Property Of</b>	<a href="#">hasDimension<sup>op</sup></a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">FloorPanelLength<sup>C</sup></a> or <a href="#">PedestalLength<sup>C</sup></a></li><li><a href="#">product:Product<sup>C</sup></a> or <a href="#">product:Item<sup>C</sup></a></li></ul>
<b>Range</b>	<a href="#">PedestalLengthValue<sup>C</sup></a> or <a href="#">FloorPanelLengthValue<sup>C</sup></a>

### has market value for new product<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasMarketValueForNewProduct">http://w3id.org/CE0N/demo/construction/hasMarketValueForNewProduct</a>
<b>Sub Property Of</b>	<a href="#">quantity:hasMarketValue</a>
<b>Domain</b>	<a href="#">product:Product</a> <sup>C</sup> or <a href="#">product:Item</a> <sup>C</sup>
<b>Range</b>	<a href="#">MarketValueForProduct</a> <sup>C</sup>

### has market value for reused product<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasMarketValueForReusedProduct">http://w3id.org/CE0N/demo/construction/hasMarketValueForReusedProduct</a>
<b>Sub Property Of</b>	<a href="#">quantity:hasMarketValue</a>
<b>Domain</b>	<a href="#">product:Item</a> <sup>C</sup> or <a href="#">product:Product</a> <sup>C</sup>
<b>Range</b>	<a href="#">MarketValueForProduct</a> <sup>C</sup>

### has product quality<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasProductQuality">http://w3id.org/CE0N/demo/construction/hasProductQuality</a>
<b>Sub Property Of</b>	<a href="#">topObjectProperty</a> <sup>op</sup>
<b>Domain</b>	<a href="#">product:Item</a> <sup>C</sup> or <a href="#">product:Product</a> <sup>C</sup>
<b>Range</b>	<a href="#">ConstructionProductQuality</a> <sup>C</sup>

### has recycling plant<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasRecyclingPlant">http://w3id.org/CE0N/demo/construction/hasRecyclingPlant</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Range</b>	<a href="#">LocalRecyclingPlantDistance</a> <sup>C</sup>

### has recycling potential<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasRecyclingPotential">http://w3id.org/CE0N/demo/construction/hasRecyclingPotential</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">ReusePotential</a><sup>C</sup></li><li><a href="#">product:Product</a><sup>C</sup> or <a href="#">product:Item</a><sup>C</sup></li></ul>
<b>Range</b>	<a href="#">RecyclingPotentialValue</a> <sup>C</sup>

## has recycling separability<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasRecyclingSeparability">http://w3id.org/CE0N/demo/construction/hasRecyclingSeparability</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">RecyclingSeparability</a><sup>C</sup></li><li><a href="#">product:Product</a><sup>C</sup> or <a href="#">product:Item</a><sup>C</sup></li></ul>
<b>Range</b>	<a href="#">RecyclingSeparabilityValue</a> <sup>C</sup>

## has resistance to earth<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasResistanceToEarth">http://w3id.org/CE0N/demo/construction/hasResistanceToEarth</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">ResistanceToEarth</a><sup>C</sup></li><li><a href="#">product:Product</a><sup>C</sup> or <a href="#">product:Item</a><sup>C</sup></li></ul>
<b>Range</b>	<a href="#">ResistanceToEarthValue</a> <sup>C</sup>

## has reuse deconstructability<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasReuseDeconstructability">http://w3id.org/CE0N/demo/construction/hasReuseDeconstructability</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">ReuseDeconstructability</a><sup>C</sup></li><li><a href="#">product:Item</a><sup>C</sup> or <a href="#">product:Product</a><sup>C</sup></li></ul>
<b>Range</b>	<a href="#">RecyclingDeconstructabilityValue</a> <sup>C</sup>

## has reuse potential<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasReusePotential">http://w3id.org/CE0N/demo/construction/hasReusePotential</a>
<b>Sub Property Of</b>	<a href="http://w3id.org/CE0N/ontology/resourceODP/hasResourceProperty">http://w3id.org/CE0N/ontology/resourceODP/hasResourceProperty</a>
<b>Domain</b>	<a href="#">product:Item</a> <sup>C</sup> or <a href="#">product:Product</a> <sup>C</sup>
<b>Range</b>	<a href="#">ReusePotential</a> <sup>C</sup>

## has system weight<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasSystemWeight">http://w3id.org/CE0N/demo/construction/hasSystemWeight</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">SystemMaximalWeight<sup>c</sup></a> or <a href="#">SystemWeight<sup>c</sup></a> or <a href="#">SystemMinimalWeight<sup>c</sup></a></li><li><a href="#">product:Product<sup>c</sup></a> or <a href="#">product:Item<sup>c</sup></a></li></ul>
<b>Range</b>	<a href="#">SystemWeightValue<sup>c</sup></a>

## has thickness<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasThickness">http://w3id.org/CE0N/demo/construction/hasThickness</a>
<b>Sub Property Of</b>	<a href="#">hasDimension<sup>op</sup></a>
<b>Domain</b>	<ul style="list-style-type: none"><li><a href="#">Thickness<sup>c</sup></a></li><li><a href="#">product:Product<sup>c</sup></a> or <a href="#">product:Item<sup>c</sup></a></li></ul>
<b>Range</b>	<a href="#">ThicknessValue<sup>c</sup></a>

## has use span<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasUseSpan">http://w3id.org/CE0N/demo/construction/hasUseSpan</a>
<b>Sub Property Of</b>	<a href="http://qudt.org/schema/qudt/quantityValue">http://qudt.org/schema/qudt/quantityValue</a>
<b>Super Property Of</b>	<ul style="list-style-type: none"><li><a href="#">hasUseSpanRemaining<sup>op</sup></a></li><li><a href="#">hasUseSpanTotal<sup>op</sup></a></li></ul>
<b>Domain</b>	<a href="#">product:Product<sup>c</sup></a> or <a href="#">product:Item<sup>c</sup></a>
<b>Range</b>	<a href="#">UseSpanTime<sup>c</sup></a>

## has use span remaining<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasUseSpanRemaining">http://w3id.org/CE0N/demo/construction/hasUseSpanRemaining</a>
<b>Sub Property Of</b>	<a href="#">hasUseSpan<sup>op</sup></a>
<b>Range</b>	<a href="#">UseSpanTime<sup>c</sup></a>

## has use span total<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasUseSpanTotal">http://w3id.org/CE0N/demo/construction/hasUseSpanTotal</a>
<b>Sub Property Of</b>	<a href="#">hasUseSpan<sup>op</sup></a>
<b>Range</b>	<a href="#">UseSpanTime<sup>c</sup></a>

has width<sup>op</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/hasWidth>

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

**Domain**

- [PedestalWidth<sup>c</sup>](#) or [FloorPanelWidth<sup>c</sup>](#)
- [product:Item<sup>c</sup>](#) or [product:Product<sup>c</sup>](#)

**Range** [PedestalWidthValue<sup>c</sup>](#) or [FloorPanelWidthValue<sup>c</sup>](#)

policy on treatment<sup>op</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/policyOnTreatment>

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

**Domain** [product:Item<sup>c</sup>](#) or [product:Product<sup>c</sup>](#)

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

## Datatype Properties

has accessories<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/hasAccessories>

**Domain** [product:Item<sup>c</sup>](#) or [product:Product<sup>c</sup>](#)

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

has construction year<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/hasConstructionYear>

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

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

has dismantling instruction<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/hasDismantlingInstruction>

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

**Domain** [product:Product<sup>c</sup>](#) or [product:Item<sup>c</sup>](#)

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

## has dismantling method<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasDismantlingMethod">http://w3id.org/CE0N/demo/construction/hasDismantlingMethod</a>
<b>Sub Property Of</b>	<a href="#">topDataProperty</a> <sup>dp</sup>
<b>Domain</b>	<a href="#">product:Product</a> <sup>c</sup> or <a href="#">product:Item</a> <sup>c</sup>
<b>Range</b>	<a href="#">xsd:string</a>

## has installation date<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasInstallationDate">http://w3id.org/CE0N/demo/construction/hasInstallationDate</a>
<b>Sub Property Of</b>	<a href="#">topDataProperty</a> <sup>dp</sup>
<b>Domain</b>	<a href="#">product:Item</a>
<b>Range</b>	<a href="#">xsd:date</a>

## has packaging recommendations after dismantling<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasPackagingRecommendationsAfterDismantling">http://w3id.org/CE0N/demo/construction/hasPackagingRecommendationsAfterDismantling</a>
<b>Sub Property Of</b>	<a href="#">topDataProperty</a> <sup>dp</sup>
<b>Domain</b>	<a href="#">product:Item</a> <sup>c</sup> or <a href="#">product:Product</a> <sup>c</sup>
<b>Range</b>	<a href="#">xsd:string</a>

## has product description<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasProductDescription">http://w3id.org/CE0N/demo/construction/hasProductDescription</a>
<b>Sub Property Of</b>	<a href="#">topDataProperty</a> <sup>dp</sup>
<b>Domain</b>	<a href="#">product:Item</a> <sup>c</sup> or <a href="#">product:Product</a> <sup>c</sup>
<b>Range</b>	<a href="#">xsd:string</a>

## has product id<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasProductID">http://w3id.org/CE0N/demo/construction/hasProductID</a>
<b>Sub Property Of</b>	<a href="#">topDataProperty</a> <sup>dp</sup>
<b>Domain</b>	<a href="#">product:Item</a> <sup>c</sup> or <a href="#">product:Product</a> <sup>c</sup>
<b>Range</b>	<a href="#">xsd:int</a>



has production date<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasProductionDate">http://w3id.org/CE0N/demo/construction/hasProductionDate</a>
<b>Sub Property Of</b>	<a href="#">topDataProperty<sup>dp</sup></a>
<b>Domain</b>	<a href="#">product:Item</a>
<b>Range</b>	<a href="#">xsd:date</a>

has production site<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasProductionSite">http://w3id.org/CE0N/demo/construction/hasProductionSite</a>
<b>Sub Property Of</b>	<a href="#">topDataProperty<sup>dp</sup></a>
<b>Domain</b>	<a href="#">product:Item<sup>c</sup></a> or <a href="#">product:Product<sup>c</sup></a>
<b>Range</b>	<a href="#">xsd:string</a>

has refurbishment method<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasRefurbishmentMethod">http://w3id.org/CE0N/demo/construction/hasRefurbishmentMethod</a>
<b>Sub Property Of</b>	<a href="#">topDataProperty<sup>dp</sup></a>
<b>Domain</b>	<a href="#">product:Product<sup>c</sup></a> or <a href="#">product:Item<sup>c</sup></a>
<b>Range</b>	<a href="#">xsd:string</a>

has take back program from original manufacturer<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasTakeBackProgramFromOriginalManufacturer">http://w3id.org/CE0N/demo/construction/hasTakeBackProgramFromOriginalManufacturer</a>
<b>Sub Property Of</b>	<a href="#">topDataProperty<sup>dp</sup></a>
<b>Domain</b>	<a href="#">product:Product</a>
<b>Range</b>	<a href="#">xsd:boolean</a>

has take back program other manufacturer<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/demo/construction/hasTakeBackProgramOtherManufacturer">http://w3id.org/CE0N/demo/construction/hasTakeBackProgramOtherManufacturer</a>
<b>Sub Property Of</b>	<a href="#">topDataProperty<sup>dp</sup></a>
<b>Domain</b>	<a href="#">product:Product</a>
<b>Range</b>	<a href="#">xsd:boolean</a>

has technical requirements for take back for recycling<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/hasTechnicalRequirementsForTakeBackForRecycling>

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

**Domain** [product:Item<sup>C</sup>](#) or [product:Product<sup>C</sup>](#)

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

has technical requirements for take back for reuse<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/hasTechnicalRequirementsForTakeBackForReuse>

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

**Domain** [product:Product<sup>C</sup>](#) or [product:Item<sup>C</sup>](#)

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

is contaminated<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/demo/construction/isContaminated>

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

**Domain** [product:Item<sup>C</sup>](#) or [product:Product<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** <http://purl.org/dc/terms/description>

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>
covers requirements <sup>ap</sup>	
IRI	<a href="http://www.ontologydesignpatterns.org/schemas/cannotation/schema.owl#coversRequirements">http://www.ontologydesignpatterns.org/schemas/cannotation/schema.owl#coversRequirements</a>

## Namespaces

:

<http://w3id.org/CE0N/demo/construction/>

**actor**

<http://w3id.org/CE0N/ontology/actor/>

**actorODP**

<http://w3id.org/CE0N/ontology/actorODP/>

**dcterms**

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

**material**

<http://w3id.org/CE0N/ontology/material/>

**odp**

<http://www.ontologydesignpatterns.org/schemas/cannotationschema.owl#>

**owl**

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

**product**

<http://w3id.org/CE0N/ontology/product/>

**prov**

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

**quantity**

<http://w3id.org/CE0N/ontology/quantity#>

**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