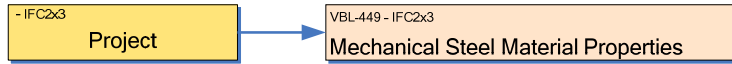


IFC Release Specific Concept Description (IFC2x3)

Mechanical Steel Material Properties

Reference	VBL-449	Version	1	Status	Proposal
Relationships					
History	Created 31.1.2008				
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Usage in view definition diagram



Instantiation diagram

Mechanical Steel Material Properties

IfcMechanicalSteelMaterialProperties

+ Material >

DynamicViscosity

YoungModulus

ShearModulus

PoissonRatio

ThermalExpansionCoefficient

YieldStress

UltimateStress

UltimateStrain

HardeningModule

ProportionalStress

PlasticStrain

Relaxations >

IfcMaterial

+ Name

Implementation agreements

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The content of this document has to be certified by the IAI before becoming part of an official IFC Model View Definition.