

IFC 2x Object Diagram - Materials

IfcRelAssociatesMaterial
+ GlobalId
+ OwnerHistory >
 Name
 Description
+ RelatedObjects >
+ RelatingMaterial >

STRING

STRING

STRING

IfcWall

IfcMaterial
+ Name

STRING

IfcMaterialList
+ Materials >

IfcMaterial
+ Name

STRING

IfcMaterialLayerSetUsage
+ ForLayerSet >
+ LayerSetDirection
+ DirectionSense
+ OffsetFromReferenceLine

IfcMaterialLayerSet
+ MaterialLayers >
 LayerSetName

STRING

IfcMaterialLayer
 Material >
+ LayerThickness
IsVentilated

REAL

BOOLEAN

IfcMaterial
+ Name

STRING

IfcLayerSetDirectionEnum
AXIS1
AXIS2
AXIS3

IfcDirectionSenseEnum
POSITIVE
NEGATIVE