Property name and data type	Definition	Pset_WallCommon	Pset_CurtainWallCommon	Pset_PlateCommon	Pset_CoveringCeiling	Pset_CoveringCommon	Pset_RoofCommon	Pset_BeamCommon	Pset_ColumnCommon	Pset_SlabCommon	Pset_CoveringCommon	Pset_WindowCommon	Pset_DoorCommon	Pset_StairCommon	Pset_StairFlightCommon	Pset_RailingCommon	Pset_RampCommon	Pset_RampFlightCommon	Pset_TransportElementCommon
FireRating *(IfcLabel)*	Fire rating given according to the national fire safety classification.	x	x	x		x	x	x	x	x	x	x	x	x			x		
FlammabilityRating *(IfcLabel)*	Flammability Rating for this object. It is given according to the national building code that governs the rating of flammability for materials.										x								
FragilityRating *(IfcLabel)*	Indication on the fragility of the covering (e.g., under fire conditions). It is given according to the national building code that might provide a classification for fragility.										x								
Combustible *(IfcBoolean)*	Indication whether the object is made from combustible material (TRUE) or not (FALSE)	x	x							x	x								
SurfaceSpreadOfFlame *(IfcBoolean)*	Indication on how the flames spread around the surface, It is given according to the national building code that governs the fire behaviour for materials.	x	x							x	x								
IsExternal *(IfcBoolean)*	Indication whether the element is designed for use in the exterior (TRUE) or not (FALSE). If (TRUE) it is an external element and faces the outside of the building.	x	x	x		x	x	x	x	x	x	x	x	x			x	x	
ExtendToStructure *(IfcBoolean)*	Indicates whether the object extend to the structure above (TRUE) or not (FALSE)	x																	
LoadBearing *(IfcBoolean)*	Indicates whether the object is intended to carry loads (TRUE) or not (FALSE)	x		x				x	x	x									
Compartmentation *(IfcBoolean)*	Indication whether the object is designed to serve as a fire compartmentation (TRUE) or not (FALSE)	x									x								
SmokeStop *(IfcBoolean)*	Indication whether the object is designed to provide a smoke stop (TRUE) or not (FALSE)											x	x						
FireExit *(IfcBoolean)*	Indication whether this object is designed to serve as an exit in the case of fire (TRUE) or not (FALSE). Here it defines an exit window in accordance to the national building code.											x	x	x			x		x
HasDrive *(IfcBoolean)*	Indication whether this object has an automatic drive to operate it (TRUE) or no drive (FALSE)											x	x						
SelfClosing *(IfcBoolean)*	Indication whether this object is designed to close automatically after use (TRUE) or not (FALSE)												x						
NumberOfRiser *(IfcCountMeasure)*	Total number of the risers included in the stair.														x				
NumberOfTreads *(IfcCountMeasure)*	Total number of treads included in the stair.														x				
HandicapAccessible *(IfcBoolean)*	Indication that this object is designed to be accessible by the handicapped. Set to (TRUE) if this stair is rated as handicap accessible according to the local building codes, otherwise (FALSE). Accessibility maybe provided by additional means.													x					

Property set definition and associated IFC entity in ifcsharedbldgelements