

Use Case 5: Coordination and collision control

Purpose

Detection of interferences e.g. clashes, reservations, gauges by overlaying the different domain-specific models.

Requirements for IFC-Tunnel:

The difference compared to technical model is that properties and objects also include information as clearance distance, gauge and voids.

Geometry:

For sweep analysis, alignments are required. Results from clashes might need described (occurrence coordinate, overlapping geometry.)

Semantics:

No specific requirements.