

ISO 23387:2025-09 (E)

Building information modelling (BIM) - Data templates for objects used in the life cycle of assets

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Data template structure	3
4.1	General	3
4.2	UML representation of a data template structure	4
4.3	URIs usage for ISO 23887 data model	5
4.4	Data modelling	5
4.4.1	General	5
4.4.2	Reference document	5
4.4.3	Object type	5
4.4.4	Data template	6
4.4.5	Group of properties	6
4.4.6	Property	7
5	ISO 12006-3 representation	9
5.1	General	9
5.2	Definition of subject kinds	9
5.3	Specialization of dictionary meta level subject kinds	10
5.4	Subject relationships	11
5.5	Property relationships	12
5.6	Data template representation following ISO 12006-3	12
6	XML representations	14
Annex A (informative) Examples, use cases and implementations		15
Annex B (informative) Creation of data templates		25
Annex C (informative) Data template concepts attributes with examples		27
Annex D (informative) Correct instantiation case of subTypeOf relationship		31
Annex E (informative) XSD representation		32
Annex F (informative) XML example		33
Bibliography		34