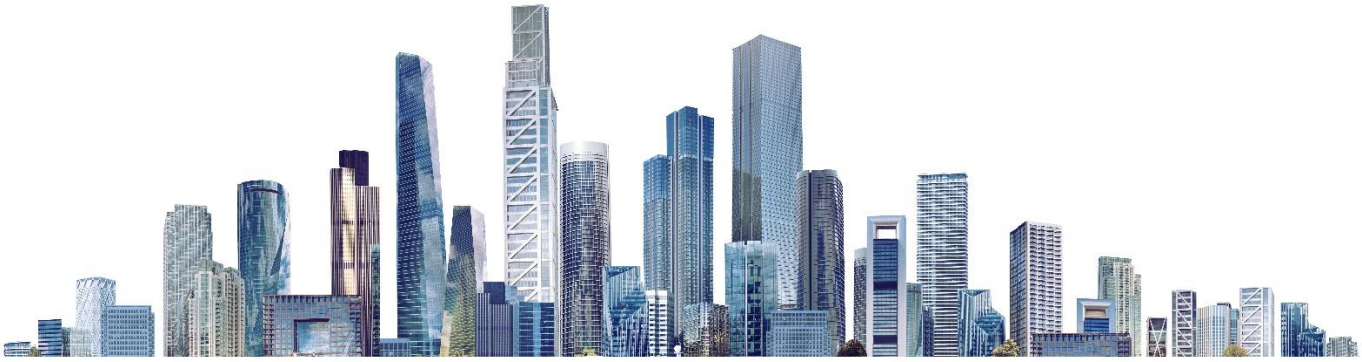

ALTAIR FOR AEC ANALYSIS AND DESIGN

Design Codes

Analyze and design buildings and nonbuilding structures for maximum strength, stability, rigidity, and resilience. Altair offers extensive AEC solutions tailored for regional code-based design to reliably evaluate various materials and structures, including steel frames, concrete frames, concrete slabs, concrete shear walls, continuous concrete beams, composite floors, timber frames, and concrete foundations. Shorten design cycles and quickly generate all-inclusive engineering reports that include clause references, governing codes, and utilization ratios.

In addition, Altair's revolutionary Unit Licensing model provides convenient, anytime, anywhere access to industry-leading solutions through a flexible and cost-efficient licensing system. Discover how Altair's Structural Engineering for AEC solutions can shorten project cycles and accelerate innovation by visiting https://altair.com/structural-engineering

Region	Design Code	Altair S-FRAME	Altair S-STEEL & S-PAD	Altair S-CONCRETE & Multistory Designer	Altair S-LINE	Altair S-FOUNDATION	Altair S-TIMBER
US	ACI 318-19			•	•	•	
US	ACI 318-14	•		•			
US	ACI 318-11	•		•		•	
US	ACI 318-08	•		•	•		
US	ACI 318-05	•		•	•		
US	ACI 318-02	•		•	•		
US	ACI 440.11-22 GFRP			•	•	•	
US	AISC 360-22	•	•				

Region	Design Code	Altair S-FRAME	Altair S-STEEL & S-PAD	Altair S-CONCRETE & Multistory Designer	Altair S-LINE	Altair S-FOUNDATION	Altair S-TIMBER
US	AISC 360-16	•	•				•
US	AISC 341-22	•	• (S-STEEL only)				
US	AISC 341-16	•	• (S-STEEL only)				
US	AISC 360-22	•	•				
US	AISC 360-10	•	•				
US	AISC 360-05	•	•				
US	AISC ASD-89	•	•				
US	API RP 2A-WSD 2020	•	•				
US	ASCE 10-15	•	•				
US	ASCE 7-22	•					•
US	NDS 2018						•
CANADA	CSA A23.3:19			•	•	•	
CANADA	CSA A23.3-14	•		•	•		
CANADA	CSA A23.3-04	•		•	•	•	
CANADA	CSA S16-19	•	•				•
CANADA	CSA S16-14	•	•				
CANADA	CSA S16-09	•	•				
CANADA	CSA O86-19						•
CANADA	CSA O86-14						•
EU	EN 1993-1:2005	•	•				
EU	EN 1993-1:2005/UK Annex	•	•				
EU	Eurocode 2-2004	•		•		•	

Region	Design Code	Altair S-FRAME	Altair S-STEEL & S-PAD	Altair S-CONCRETE & Multistory Designer	Altair S-LINE	Altair S-FOUNDATION	Altair S-TIMBER
EU	Eurocode 2-2004 / UK	•		•		•	
EU	Eurocode 2-2004 / Germany			•			
EU	Eurocode 2-2004 / Spain			•			
EU	Eurocode 2-2004 / France			•			
EU	Eurocode 3-2005	•	•				
EU	Eurocode 3-2005 / Germany	•	•				
EU	Eurocode 3-2005 / Spain	•	•				
EU	Eurocode 3-2005 / France	•	•				
UK	BS 8110-97	•		•	•		
UK	BS 5950-2000	•	•				
Singapore	CP 65:1999	•		•	•		
Singapore	EN 1993-1:2005/Singapore Annex	•	•				
South Korea	KDS 14 31:2017	•	•				
Australia	AS 4100-1998	•	•				
China	GB 50017-17	•	•				
Hong Kong	Hong Kong Steel 2011	•	•				
New Zealand	NZS 3404-1997	•	•				
India	IS 800-2007	•	•				
India	IS 456:2000			•			