



ALTAIR FOR AEC ANALYSIS AND DESIGN

Design Codes

Altair’s integrated solutions can help your engineering team analyze and design buildings and nonbuilding structures for maximum strength, stability, rigidity, and resilience. Our comprehensive AEC solutions support multiple regional code-based design capabilities, allowing you to assess a wide range of 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.

Plus, Altair’s revolutionary [Unit Licensing model](#) makes it easy to access industry-leading solutions from anywhere, at any time, providing you with flexible, cost-effective design solutions.

Ready to accelerate your engineering designs? Learn more about Altair’s Structural Engineering for AEC and discover how our innovative solutions can help your team achieve your goals: <https://altair.com/structural-engineering>

Region	Design Code	Altair S-FRAME	Altair S-STEEL /Altair 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 360-16	•	•				•
US	AISC 341-16	•	• (S-STEEL only)				

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US	AISC 360-10	•	•				
US	AISC 360-05	•	•				
US	AISC ASD-89	•	•				
US	API RP 2A-WSD 2020	•	•				
US	ASCE 10-15	•	•				
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	•		•		•	
EU	Eurocode 2-2004/UK	•		•		•	
UK	BS 8110-97	•		•	•		
UK	BS 5950-2000	•	•				
Singapore	CP 65:1999	•		•	•		
Singapore	EN 1993-1:2005/Singapore Annex	•	•				
Australia	AS 4100-1998	•	•				
China	GB 50017-17	•	•				

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Hong Kong	Hong Kong Steel 2011	•	•				
New Zealand	NZS 3404-1997	•	•				
India	IS 800-2007	•	•				