



# 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	•	•				

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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	•		•		•	

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<b>EU</b>	Eurocode 2-2004/UK	•		•		•	
<b>EU</b>	Eurocode 3-2005	•	•				
<b>EU</b>	Eurocode 3-2005/Germany	•	•				
<b>EU</b>	Eurocode 3-2005/Spain	•	•				
<b>EU</b>	Eurocode 3-2005/France	•	•				
<b>UK</b>	BS 8110-97	•		•	•		
<b>UK</b>	BS 5950-2000	•	•				
<b>Singapore</b>	CP 65:1999	•		•	•		
<b>Singapore</b>	EN 1993-1:2005/Singapore Annex	•	•				
<b>South Korea</b>	KDS 14 31:2017	•	•				
<b>Australia</b>	AS 4100-1998	•	•				
<b>China</b>	GB 50017-17	•	•				
<b>Hong Kong</b>	Hong Kong Steel 2011	•	•				
<b>New Zealand</b>	NZS 3404-1997	•	•				
<b>India</b>	IS 800-2007	•	•				