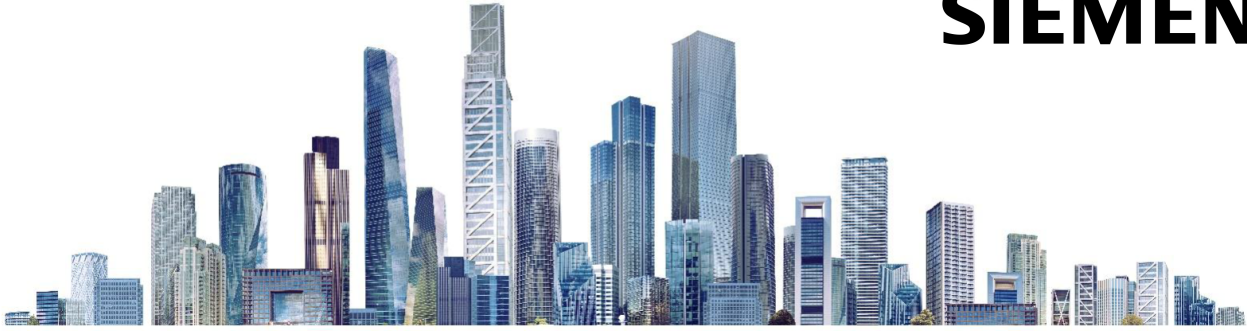




Siemens Simcenter For AEC Analysis and Design

Design Codes

Analyze and design buildings and nonbuilding structures for maximum strength, stability, rigidity, and resilience. Siemens 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, Siemens's revolutionary [Unit Licensing model](https://www.siemens.com/en-us/products/simcenter/mechanical-simulation/s-frame/) provides convenient, anytime, anywhere access to industry-leading solutions through a flexible and cost-efficient licensing system. Discover how Siemens's Structural Engineering for AEC solutions can shorten project cycles and accelerate innovation by visiting <https://www.siemens.com/en-us/products/simcenter/mechanical-simulation/s-frame/>

USA

Region	Design Code	Simcenter S-Frame	Simcenter S-Frame Steel and Pad	Simcenter S-Frame Concrete & Multistory Designer	Simcenter S-Frame Line	Simcenter S-Frame Foundation	Simcenter S-Frame Timber
US	ACI 318-19	•	•				
US	ACI 318-14	•	•				•
US	ACI 318-11	•	(Simcenter S-Frame Steel only)				
US	ACI 318-08	•	(Simcenter S-Frame Steel only)				
US	ACI 318-05	•	•				
US	ACI 318-02	•	•				
US	ACI 440.11-22 GFRP	•	•				
US	AISC 360-22	•	•				
US	AISC 360-16	•	•				
US	AISC 341-22	•	•				
US	AISC 341-16	•	•				
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	ADM 2020 Aluminum Design	•	•				
US	NDS 2024						•
US	NDS 2018						•

Canada

Region	Design Code	Simcenter S-Frame	Simcenter S-Frame Steel and Pad	Simcenter S-Frame Concrete & Multistory Designer	Simcenter S-Frame Line	Simcenter S-Frame Foundation	Simcenter S-Frame Timber
Canada	CSA A23.3:24			•	•	•	
Canada	CSA A23.3:19			•	•	•	
Canada	CSA A23.3-14	•		•	•		
Canada	CSA A23.3-04	•		•	•	•	
Canada	CSA S16-24	•	•				
Canada	CSA S16-19	•	•				•
Canada	CSA S16-14	•	•				
Canada	CSA S16-09	•	•				
Canada	CSA O86-24						•
Canada	CSA O86-19						•
Canada	CSA O86-14						•

European Union

Region	Design Code	Simcenter S-Frame	Simcenter S-Frame Steel and Pad	Simcenter S-Frame Concrete & Multistory Designer	Simcenter S-Frame Line	Simcenter S-Frame Foundation	Simcenter S-Frame Timber
EU	EN 1993-1:2005	•	•				
EU	EN 1993-1:2005/UK Annex	•	•				
EU	Eurocode 2-2004	•		•		•	
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	•	•				
EU	Eurocode 5 / BS EN 1995-1-1:2004+A2:2014						•

Rest of the World

Region	Design Code	Simcenter S-Frame	Simcenter S-Frame Steel and Pad	Simcenter S-Frame Concrete & Multistory Designer	Simcenter S-Frame Line	Simcenter S-Frame Foundation	Simcenter S-Frame Timber
UK	BS 8110-97	•		•	•		
UK	BS 5950-2000	•	•				
Singapore	CP 65:1999	•		•	•		
Singapore	EN 1993-1:2005/Singapore Annex	•	•				
South Korea	KDS 14 31:2024	•	•				
South Korea	KDS 14 31:2017	•	•				
South Korea	KDS 14 20 00:2022			•			
South Korea	KDS 4117 00:2022 KDS 4122 00:2022	•					
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			•			
India	IS 1893-1:2016 IS 875-3:2015	•					