

**SFT**

# Sanxin Façade Technology

Segmented Curved Unitized Curtain Wall-CW1200

DESIGN ENGINEERING

MATERIAL TESTING

FABRICATION DELIVERY

### Segmented Curved Unitized Curtain Wall-CW1200

CW1200 Unitized curtain wall system can provide unbeatable solution to your dynamic building shape.

### Key Features for SFT Unitized Curtain Wall CW1200

1. Custom design mullions to allow innovative design for curvy building shape
2. All unit panels are pre-assembled in shop for the best QA/QC assurance
3. Various type of bracketary design for 3 dimensional installation tolerances up to 25mm or 1 inch to avoid site rectification works
4. Shorten installation period – reduce field labor resource
5. Unitized curtain wall is like a “flexible skin” of building for better allowance of inter-story differential movement
6. Excellent water controlled drainage system for better weather resistance

### Aesthetic Features for SFT Unitized Curtain Wall CW1200

1. 4-side structural glazed, SSG System
2. 2-side horizontal glazed, SSG System
3. 2-side vertical glazed, SSG System

4. 4-side captured System
5. Optional for various design of capping, architectural feature and sun shading

CW1200 is fully designed to international standard like AAMA, ASTM, EN, BS, AS, CANS... etc and is being tested according to Australian Standard AS4284. For more technical information about CW1200 in our region, please contact SFT for further information.



ISO 14001:2004



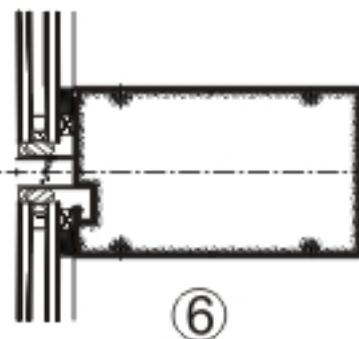
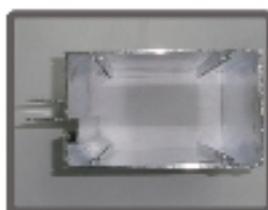
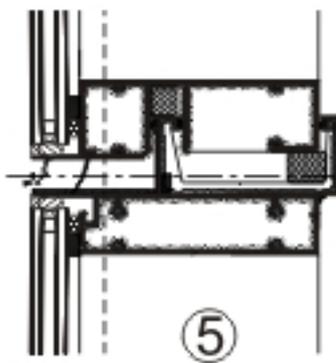
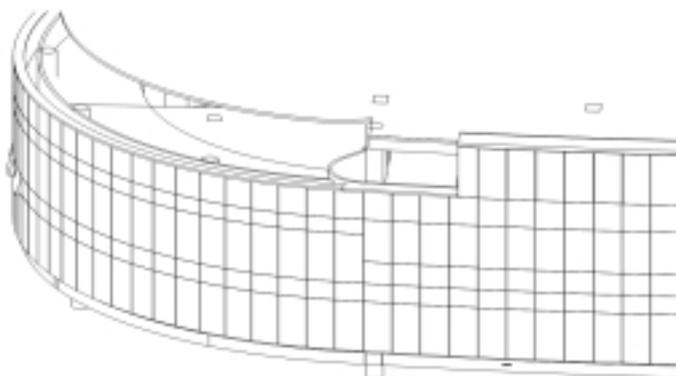
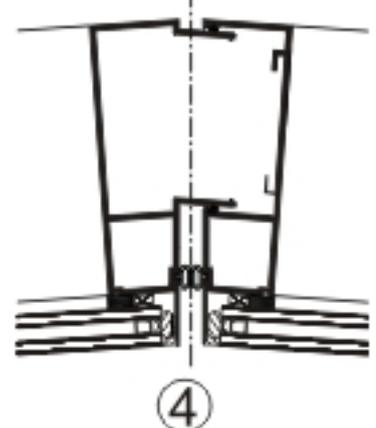
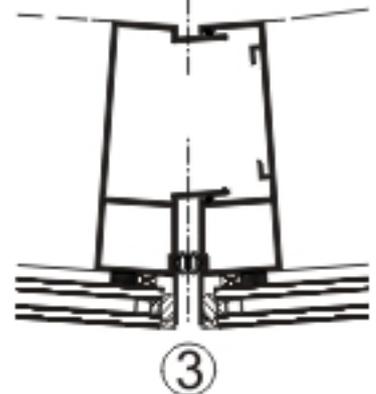
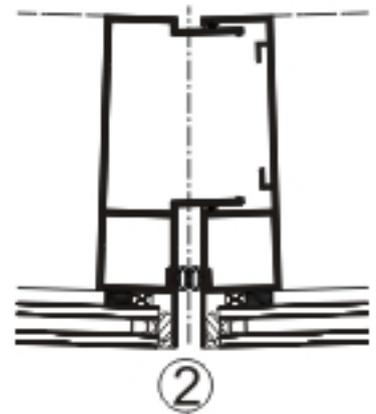
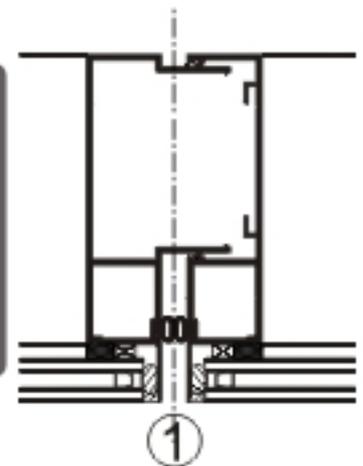
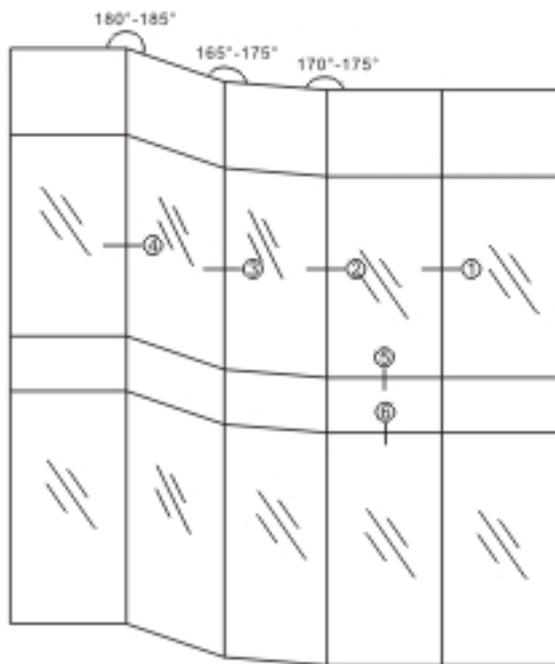
ISO 9001:2008



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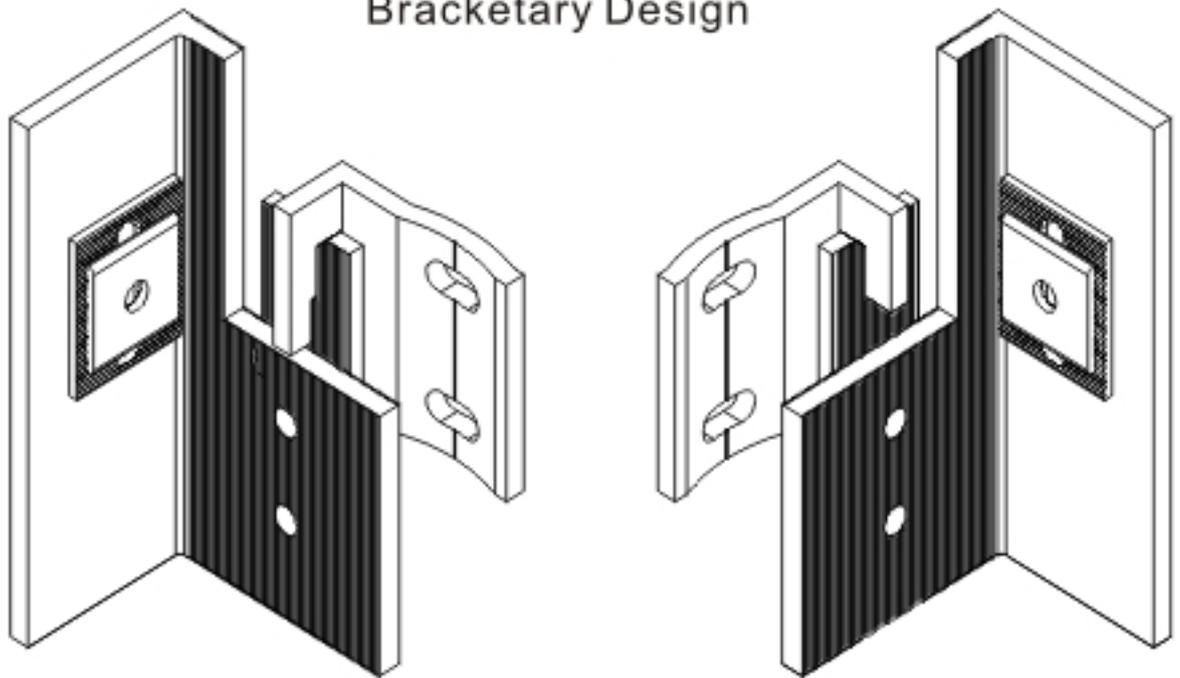
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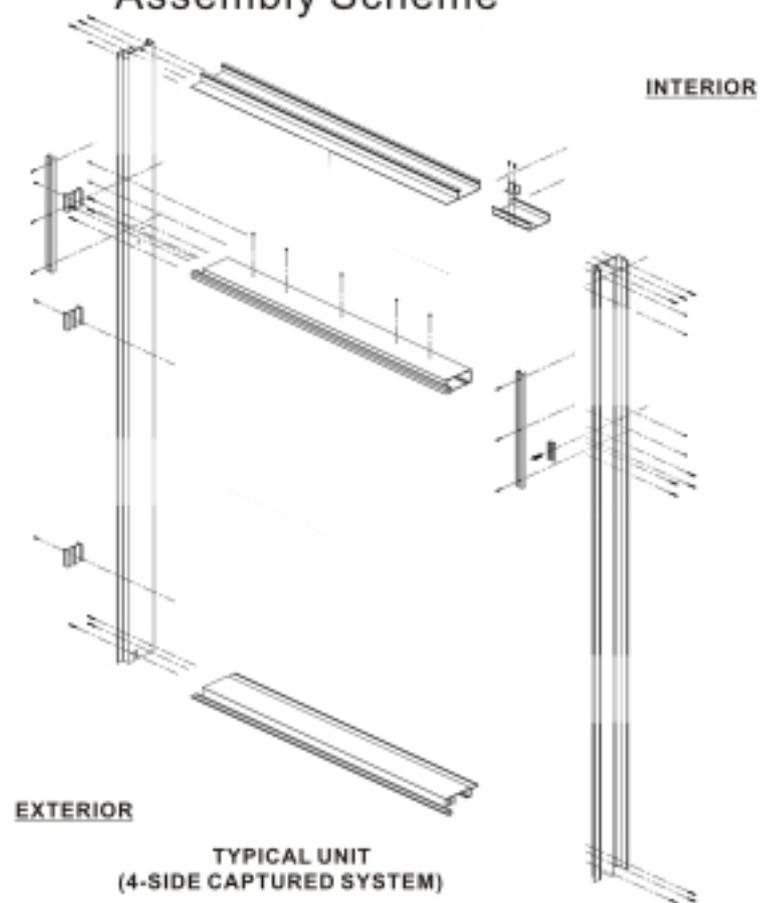


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### Bracketary Design



### Assembly Scheme





Performance Test for CW1200 Unitized Curtain Wall System		
Procedure	Test Pressure	
	American Unit	Metric Unit
ASTM E2 83 Air Leakage	+/-6.3psf	+/-300Pa
ASTM E3 31 Water Penetration Test, Static	+21psf	+ 1000Pa
AAMA 501.1 Water Penetration Test, Dynamic	+21psf	+ 1000Pa
ASTM E3 30 Structural Design Load Test 100%	-64psf	-3050Pa
Vertical Racking Test for movement	+/-9/16"	+/-15mm
Repeat ASTM E331 Water Penetration Test, Static	+15psf	+690Pa
Horizontal (Parallel to Surface) Racking Test for movement	+/-9/16"	+/-15mm
Repeat ASTM E331 Water Penetration Test, Static	+15psf	+690Pa
Horizontal (Perpendicular to Surface) Racking Test for movement	+/-9/16"	+/-15mm
Repeat ASTM E331 Water Penetration Test, Static	+15psf	+690Pa
Structural Adequacy Test, Cyclic	+23psf to -80psf	+1.09kPa to -3.82kPa
ASTM E3 30 Structural Design Load Test 150%	-96psf	-4580Pa