



ALTEZA™

ALUMINIUM WINDOW & DOOR SYSTEMS



The Aparna Group

Aparna Constructions



Luxury Lifestyle Gated Communities
Plotted Developments
Commercial Developments

Aparna Enterprises



Ready Mix Concrete
Floor & Wall Tiles
uPVC Windows & Doors
uPVC Profiles
Luxury Sanitary Ware & Kitchens
Facades & Exteriors
Aluminium Windows & Doors

Major Milestones

1990

Aparna Enterprises launched its first Tiles showroom

1996

Aparna Group is formed, diversifying into constructions and development through ACEPL

2006

As backward integration for ACEPL, Aparna Enterprises started producing RMC

2008

Launched first Aparna Venster fabrication unit in Hyderabad

2012

Launched first Unispace flagship showroom in Hyderabad

2014

Aparna forayed into production of quarry and metal aggregates

2016

Started manufacturing uPVC profiles in Hyderabad under the brand name of Ökotech

2017

Ventured into the manufacturing of floor and wall tiles under the brand name of Vitero

2019

Forayed into Facades and Exteriors through Aparna-Craft—a joint venture with Craft International, Hong Kong.

2019

Started manufacturing aluminium window and door systems in Hyderabad under the brand name of Alteza



ABOUT APARNA-CRAFT

APARNA-CRAFT is a joint venture between Aparna Group, India, a leader in construction and building materials and Craft Holdings Ltd, Hong Kong, a world leader in façade and exterior design and engineering. The main objective is to bring world-class façades & exteriors to life.



Alteza Premium Aluminium Windows & Doors

Alteza is among the few Total Systems Solution provider of aluminium window and door systems on the market. And comes to you with a hard to match “on-time, on-budget” project completion promise.

End-to-End Systems Solutions



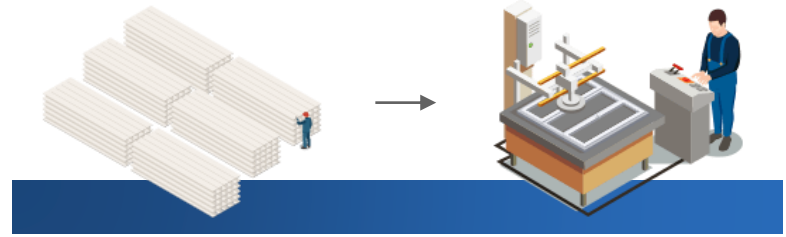
- Alteza takes a holistic approach
- Alteza comes with end-to-end service capabilities
- Design, Fabrication, Supply & Installation of Aluminium Window & Door Systems

Our Process

Design Consultation & Survey



Fabrication



Delivery



Installation



Post-Sale Service



Why Alteza



End-to-End solution



10-Year Warranty



Wide Range of Bespoke Solutions



On-Time Project Completion



Built to Perform



Slim Frames, Wider Views



Tested & Proven Expertise

Discover Aluminium Windows by Alteza

Sliding Windows



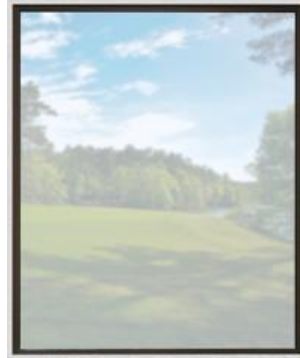
Tilt & Turn Windows



Ventilators



Fixed Windows



Villa Windows



Casement Windows



Discover Aluminium Doors by Alteza

Casement Doors



Slide & Fold Doors



Slimline Sliding Doors with 19 mm interlock



Sliding Doors



Lift & Slide Doors



Discover Aluminium Glass Railings By Alteza

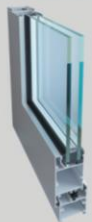
Glass Railing with Aluminium Rail



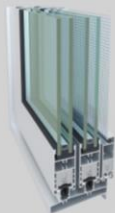
Glass Railing without Aluminium Rail



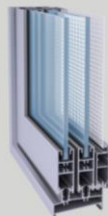
Alteza Systems



ACA 47



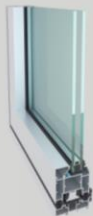
ACA 36



ACA 27



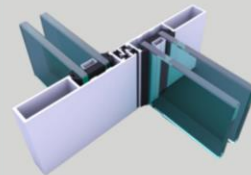
ACA LS



ACA SF



ACA GR



ACA M 19

Alteza Systems	ACA 47	ACA 27	ACA 36	ACA LS	ACA SF	ACA GR	ACA M 19
Basic System Depth (mm)	47	81	100	135	75	60	140
Maximum Infill Thickness (mm)	26	18	28	24	24	17.52	31
Minimum Frame Depth (mm)	47	81.5	99.5	135	75		125
Minimum Bottom Bracket Height (mm)						130	
Minimum Visible Side (mm)	47	105	110	117	114		45
Minimum Visible Sightline (mm)	64	40	40	70	154		19
Hand Rail Width (mm)						50	
Minimum Sash Depth (mm)	47	27	36	50	75		97
Maximum Sash Weight (Kg.)	180	160	200	400	100		300

Door Systems	ACA 47	ACA 27	ACA 36	ACA LS	ACA SF	ACA GR	ACA M 19
Casement Door	✓						
Casement Door With Fixed Panel	✓						
Sliding Door With Fixed Panel		✓	✓				
Sliding Door- 2-Track		✓	✓	✓			✓
Sliding Door 3-Track		✓	✓				
Sliding and Folding Door					✓		
Lift and Slide Door				✓			

Window Systems	ACA 47	ACA 27	ACA 36	ACA LS	ACA SF	ACA GR	ACA M 19
Casement Window	✓						
Fixed Window	✓						
Casement Window With Fixed Panel	✓						
Tilt and Turn Window	✓						
Sliding Window With Fixed Panel		✓	✓				
Sliding Window- 2-Track		✓	✓	✓			
Sliding window 3-Track		✓	✓				
Villa Window	✓						
Sliding Window With Integrated Railing		✓	✓				

Railings	ACA 47	ACA 27	ACA 36	ACA LS	ACA SF	ACA GR	ACA M 19
Top/side mounted glass railing with Aluminium rail						✓	
Top/side mounted glass railing with Slim Aluminium rail						✓	
Top/side mounted glass railing without Aluminium rail						✓	

Built to Perform



More Glass, Less Frame



Robust & Extremely Secure



High Functional Reliability



Energy Efficiency



Fire-Retardant



Environment Friendly



Robust & Durable



Customized Solutions



The Best Finish



Wind Resistance



Easy to Maintain



Noise Reduction



Full Range of Colours

Totally Bespoke



Glass



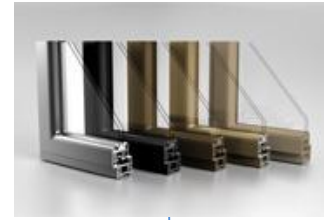
Glazing



Hardware








Mesh



Size & Colour






Quality Assurance – ACA 36 Sliding

		National Accreditation Board for Testing and Calibration Laboratories (A Constituent Board of Quality Council of India)	
CERTIFICATE OF ACCREDITATION			
WINWALL TECHNOLOGY INDIA PRIVATE LIMITED			
has been assessed and accredited in accordance with the standard			
ISO/IEC 17025:2017			
"General Requirements for the Competence of Testing & Calibration Laboratories"			
for its facilities at			
567-A, S.R. Kandigai Road, Gummidipoondi, Dist. Thiruvallur, Tamil Nadu			
in the field of			
TESTING			
Certificate Number	TC-7687	Valid Until	21/09/2020
Issue Date	12/10/2019		
This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL. (To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)			
Signed for and on behalf of NABL			
 N. Venkateswaran Chief Executive Officer			 Avijit Das Program Manager
 99270870100030001889			

		National Accreditation Board for Testing and Calibration Laboratories (A Constituent Board of Quality Council of India)	
SCOPE OF ACCREDITATION			
Laboratory	Winwall Technology India Private Limited, 567-A, S.R. Kandigai Road, Gummidipoondi, Dist. Thiruvallur, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate Number	TC-7687	Page 1 of 3	
Validity	12.10.2019 to 21.09.2020	Last Amended on	--
Sl.	Materials or Products tested	Component, parameter or characteristic tested	Tests or type of tests performed and, where appropriate, methods and/or equipment used
MECHANICAL TESTING			
AT LABORATORY			
1.	BUILDING MATERIAL		
1.	Building Facades Curtain walls and Windows	Air infiltration test	AS/NZS 4284 Clause 8.4 ASTM E283, BSEN 1026, BSEN 12207 (Test Chamber: size up to 15 m X 15 m)
		Static water penetration test	AS/NZS 4284 Clause 8.5 ASTM E331, BSEN 1027, BSEN 12208 (Test Chamber: size up to 15 m X 15 m Test pressure range: 10 Pa to 5000 Pa)
		Dynamic water penetration test	AAMA 501.1 (Test Chamber: size up to 15 m X 15 m Test pressure range: 10 Pa to 1000 Pa)
		Water penetration test by cyclic pressure	AS/NZS 4284 Clause 8.6, ASTM E547 (Test Chamber: size up to 15 m X 15 m Test pressure range: 10 Pa to 5000 Pa)
		Structural performance test	AS/NZS 4284 Clause 8.3, ASTM E330, BSEN 12211, BSEN 12210 (Test Chamber: size upto 15 m X 15 m Test pressure range: ± 0.1 kPa to ±10 kPa)
		Seismic racking test	AS/NZS 4284 Clause 8.5, AAMA 501.4 (Test Chamber: size up to 15 m X 15 m)
		Structural proof load test	AS/NZS 4284 Clause 8.8, ASTM E330 BSEN 12211 (Test Chamber: size upto 15 m X 15 m Test pressure range: + 0.5 kPa to ±10 kPa)
		Seal degradation test	AS/NZS 4284 Clause 8.10 (Test Chamber: size up to 15 m X 15 m Test pressure range: 10 Pa to 5000 Pa)
 Jitendra B. Vispute Convener		 Avijit Das Program Manager	

Quality Assurance – ACA 36 Sliding

  		
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		Tests or type of tests performed and, where appropriate, methods and/or equipment used
		AS/NZS 4204 Clause 8.7 (10N to 5000N)
		AAMA 901.9 (Test Chamber size up to 15 m X 15 m Temperature range: -18 °C to 82 °C)
2.	Metal/ Glass Railing System	Static infill load test
		ASTM E935 Clause 10.4, ASTM E985, ASTM E2358 (10 N to 5000 N)
		Uniform load test
		ASTM E935, ASTM E985, ASTM E2358 (10 N to 5000 N)
		Concentrated load test
		ASTM E935, ASTM E985, ASTM E2358 (10 N to 5000 N)
		Shot bag traction test
		ASTM E2353, ASTM E2358 (203 J to 542 J)
		Pendulum impact test
		ASTM E2353, ASTM E2358 (10 J to 100 J)
 		
Jitendra B. Vispute Convener	Avijit Das Program Manager	

  		
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Sl.	Materials or Products tested	Component, parameter or characteristic tested
		Tests or type of tests performed and, where appropriate, methods and/or equipment used
MECHANICAL TESTING		
AT SITE		
I. BUILDING MATERIAL		
1.	Building Facades Curtain walls Windows	Air infiltration test
		ASTM E783 (Test Chamber size up to 5 m X 5 m)
		Static water penetration test
		ASTM E1105, AAMA 501.2 (Test Chamber size up to 5 m X 5 m) Test pressure range: 10 Pa to 5000 Pa (205 KPa [30Psi] to 240 KPa [35Psi])
2.	Metal/Glass Railing System	Static infill load test
		ASTM E935 Clause 10.4, ASTM E2358 (10 N to 5000 N)
		Uniform load test
		ASTM E935 Clause 10.5, ASTM E2358 (10 N to 5000 N)
		Concentrated load test
		ASTM E935 Clause 10.6, ASTM E2358 (10 N to 5000 N)
 		
Jitendra B. Vispute Convener	Avijit Das Program Manager	

Quality Assurance – ACA 47 Casement




National Accreditation Board for Testing and Calibration Laboratories
(A Constituent Board of Quality Council of India)



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Signed for and on behalf of NABL.




N. Venkateswaran
Chief Executive Officer



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National Accreditation Board for Testing and Calibration Laboratories
(A Constituent Board of Quality Council of India)





SCOPE OF ACCREDITATION

Laboratory **Winwall Technology India Private Limited, 567-A, S.R. Kandigai Road, Gummidipoondi, Dist. Thiruvallur, Tamil Nadu**






Accreditation Standard **ISO/IEC 17025: 2017**






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MECHANICAL TESTING			
AT LABORATORY			
I. BUILDING MATERIAL			
1.	Building Facades Curtain walls and Windows	Air infiltration test Static water penetration test Dynamic water penetration test Water penetration test by cyclic pressure Structural performance test Seismic racking test Structural proof load test Seal degradation test	AS/NZS 4284 Clause 6.4 ASTM E283, BSEN 1026, BSEN 12207 (Test Chamber size up to 15 m X 15 m) AS/NZS 4284 Clause 6.5 ASTM E331, BSEN 1027, BSEN 12208 (Test Chamber size up to 15 m X 15 m Test pressure range: 10 Pa to 5000 Pa) AAMA 501.1 (Test Chamber size up to 15 m X 15 m Test pressure range: 10 Pa to 1000 Pa) AS/NZS 4284 Clause 6.6, ASTM E547 (Test Chamber size up to 15 m X 15 m Test pressure range: 10 Pa to 5000 Pa) AS/NZS 4284 Clause 6.3, ASTM E330, BSEN 12211, BSEN 12210 (Test Chamber size upto 15 m X 15 m Test pressure range: + 0.1 kPa to +10 kPa) AS/NZS 4284 Clause 6.9, AAMA 501.4 (Test Chamber size up to 15 m X 15 m) AS/NZS 4284 Clause 6.6, ASTM E330 BSEN 12211 (Test Chamber size upto 15 m X 15 m Test pressure range: + 0.5 kPa to +10 kPa) AS/NZS 4284 Clause 6.10 (Test Chamber size up to 15 m X 15 m Test pressure range: 10 Pa to 5000 Pa)
 <hr/> <p>Jitendra B. Vispute Convener</p>		 <hr/> <p>Avjit Das Program Manager</p>	

Quality Assurance – ACA 47 Casement

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		RMJ restraint test	AS/NZS 4284 Clause 8.7 (10J) to 8(100J)	
		Thermal cyclic test	AAMA 501.5 (Test Chamber size up to 15 m X 15 m Temperature range: -18 °C to 82 °C)	
2.	Metal/Glass Railing System	Static infill load test	ASTM E935 Clause 10.4, ASTM E985 ASTM E2358 (10 N to 5000 N)	
		Uniform load test	ASTM E935, ASTM E985, ASTM E2358 (10 N to 5000 N)	
		Concentrated load test	ASTM E935, ASTM E985, ASTM E2358 (10 N to 5000 N)	
		Shot bag traction test	ASTM E2353, ASTM E2358 (203 J to 542 J)	
		Pendulum impact test	ASTM E2353, ASTM E2358 (10 J to 100 J)	
		 Avjit Das Program Manager		
		 Jitendra B. Vispute Convener		

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MECHANICAL TESTING				
AT SITE				
I. BUILDING MATERIAL				
1.	Building Facades Curtain walls Windows	Air infiltration test	ASTM E763 (Test Chamber size up to 5 m X 5 m)	
		Static water penetration test	ASTM E1105, AAMA 501.2 (Test Chamber size up to 5 m X 5 m) (Test pressure range: 10 Pa to 5000 Pa) (205 KPa [30Psi] to 240 KPa [35Psi])	
2.	Metal/Glass Railing System	Static infill load test	ASTM E935 Clause 10.4, ASTM E2358 (10 N to 5000 N)	
		Uniform load test	ASTM E935 Clause 10.5, ASTM E2358 (10 N to 5000 N)	
		Concentrated load test	ASTM E935 Clause 10.6, ASTM E2358 (10 N to 5000 N)	
		 Avjit Das Program Manager		
		 Jitendra B. Vispute Convener		

Alteza Showroom



Our Projects

**Bliss – Pradeep Constructions
Hyderabad, India**



**Aparna One
Hyderabad, India**



Our Projects

Aparna Serene Park - Clubhouse
Hyderabad, India



Levonor Constructions - Prazanta Villas
Hyderabad, India



Our projects

**Lobby at My Home Bhooja
Hyderabad, India**



**Project by Nesca Homes
Hyderabad, India**



Our Projects

**RSV Infra - Urban Village - Clubhouse
Hyderabad, India**



**Independent House - Banjara Hills
Hyderabad, India**



Our Projects

**Independent House – L B Nagar
Hyderabad, India**



**Independent House - Banjara Hills
Hyderabad, India**



Our Projects

**Kavuri's Forest Nest Villas,
Hyderabad, India**



**Epsilon Carbon Pvt. Ltd.,
Karnataka, India**



Our Projects

**Independent house, Ibrahimbagh
Hyderabad, India**



**Independent house, Hafeezpet
Hyderabad, India**





ALTEZA

Thank You

APARNA-CRAFT EXTERIORS PVT LTD

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