



NCL

BUILDTek LTD

WINDOORS | COATINGS | WALLS | SERVICES

GREEN BUILDING MATERIALS



In collaboration with
Industrie Secco SpA, Italy



Joint venture with
Veka AG, Germany



In collaboration with
KOS, S.Korea



In partnership with
SCHUCO, Germany



In collaboration with
ICP, Sweden



South India's
largest manufacturer



In collaboration with
Onoda, Japan



In collaboration with
WERKE, Germany



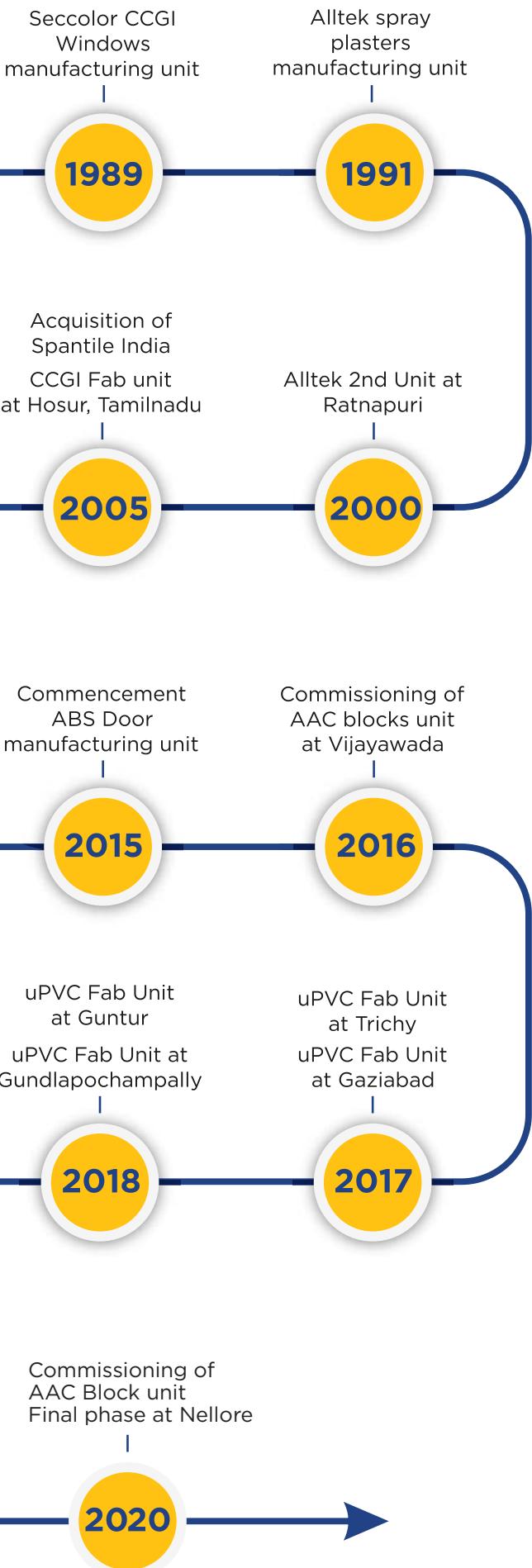
In collaboration with
AGT, Turkey



NCL GROUP

- Over Rs.2000 crore turnover
- Serving the building industry with quality building materials for over 30 years
- Best of technologies from all over the world
- Manufacturing a wide range of products:
CCGI WINDOWS | uPVC WINDOWS
ALUMINIUM WINDOWS | ABS DOORS
DURADOOR | PUTTIES | PAINTS
CEMENT | BOARDS | AAC BLOCKS

Journey towards growth





NCL GROUP

At NCL, the journey began in 1983 with Nagarjuna cements Ltd. NCL group's constant endeavour has been to provide alternative and innovative building materials using the best of technologies around the world.

NCL INDUSTRIES LTD



Cement Division(Formerly Nagarjuna cements Ltd): The cement plant has been set up utilizing the latest technology from M/s.Onoda Engineering, Japan. Today it enjoys an enviable position due to its quality in various grades of Cement including special grade cement for railway sleepers (53S)



Boards Division: In technical collaboration with Bison werke of Germany, NCL introduced a cement bonded particle board for the first time in India. It has two plants. One in Nalgonda Dist, A.P and the other one in Paonta Sahib, Himachal Pradesh.



Prefab Division: NCL developed Houses built with Bison Panels and roll formed steel profiles, to suit different requirements. These houses, easily built and dismantled, are acknowledged as the most innovative by leading manufacturers in Europe.



The country's largest door manufacturing facility that spreads over 2 lakh square feet. Located in Malkapur, Telangana, the plant has a capacity of 1000 doors per shift. The cutting edge machinery and technology from Germany and Italy ensure a range that is precision engineered using CNC based processes.

NCL BUILDTEK LTD (Formerly NCL ALLTEK & SECCOLOR LTD)



WINDOORS Division: NCL introduced Color Coated GI (CCGI), roll-formed sections for applications such as windows, doors partitions, ventilators, glazings, in technical collaboration with M/s. Industrie Secco S.P.A, Italy. These roll formed sections are durable, elegant and maintenance free.



NCL started manufacturing UPVC sections in collaboration with M/s. Veka AG, Germany. These sections are used for fabrication of windows, doors etc.



The Doors division manufactures ready to use moulded doors in collaboration with KOS, South Korea, suitable for residential buildings, hotels, offices, restaurants, hospitals and institutions.



NCL offers extruded aluminium windows in partnership with Schuco, Germany. The aluminium windows offer a great deal of design freedom that meet the requirements of every architect and end user.



COATINGS Division: In collaboration with M/s International Coating Products, Sweden, NCL introduced Alltek spray plasters (acrylic putties), textured paints and over a period it started manufacturing various grades of emulsion paints, primers and cement putties.



WALLS Division: NCL is one of the leading and largest manufacturer of light weight AAC Blocks with its 1st unit near Kondapally, Vijayawada and 2nd unit near Nellore. The walls division also manufactures dry-mix cement mortars and tile adhesives.

END-TO-END WINDOW & DOOR SOLUTIONS FOR OVER 25 YEARS



NCL
COLOURED
GI WINDOORS

In collaboration with



ITALY

- Strong & Elegant
- Durable & '0' maintenance
- India's largest window manufacturer
- Eco-friendly, Energy efficient
- Custom made and off-site fabrication

NCL
UPVC
WINDOORS

Joint Venture with



GERMANY

- End-to-end services
- 18 profile extrusion lines
- 10 Fabrication units
- 25+ years of experience and expertise
- In premium to value engineered range

NCL
ABS DOORS

In collaboration with



S. KOREA

- Moulded and ready to use doors
- Strong & impact resistant
- Maintenance free
- No polish/ paint required
- Real wood texture effect

NCL
ALUMINIUM
WINDOORS

In partnership with



GERMANY

- Casement & Sliding
- Specially designed for tropical regions.
- Narrow vent face widths & concealed fittings ensure an elegant appearance and a broad range of uses.



- NCL - India's largest Windows Manufacturer with 13 units across nation
- 25+ Years of experience & expertise
- Backed by dedicated NCL Services Division

Rely on NCL in realising your promise of quality to a home owner in their pursuit of creating a happy abode.

Italian Technology. Indian Design. Universal Appeal.

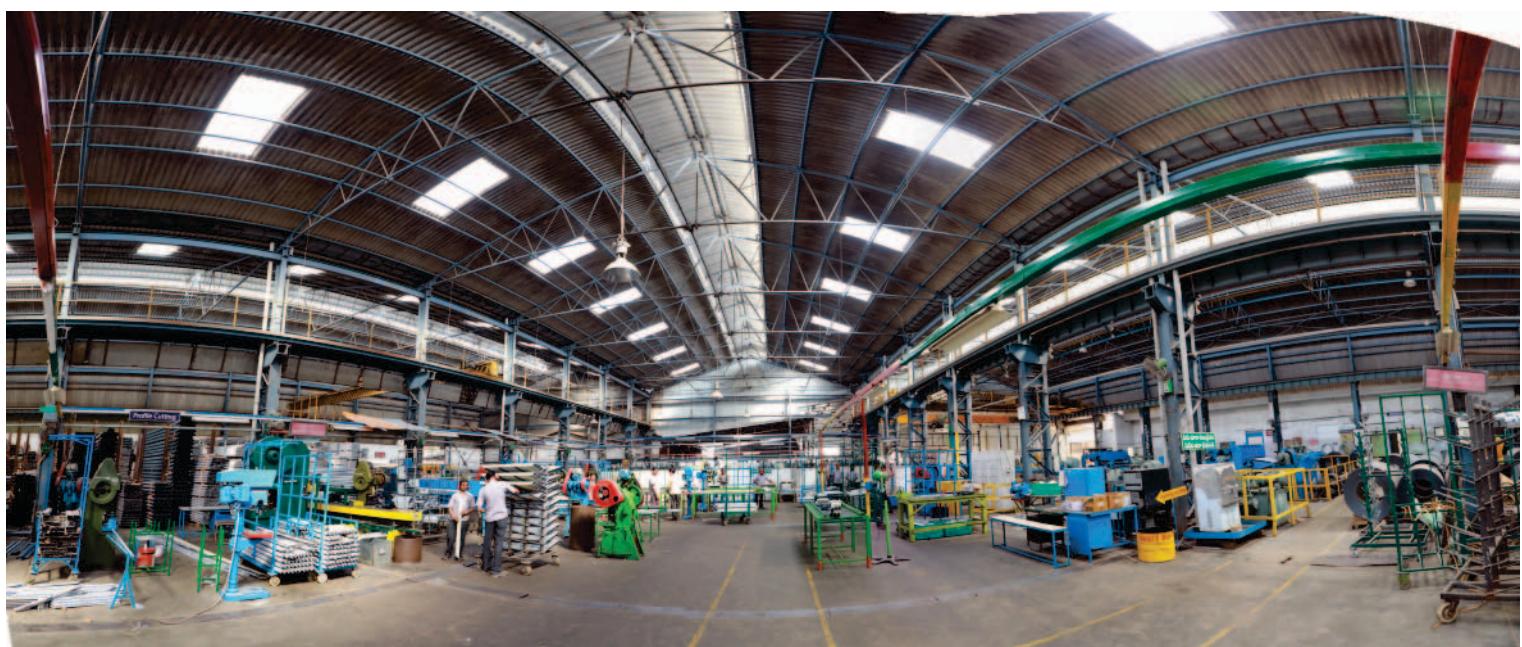


- World class windows in technical collaboration with globally renowned Industrie Secco SpA, Italy
- Made of roll-formed sections, closed, intricate shapes and without welding, Galvanized, corrosion free steel
- Non-fading - Colour Coated G.I/ powder coated G.I
- Eco-friendly - green products

Complete solutions - Design, Manufacture & Installation

Accessories:

- Handles of high grade aluminium and powder coated
- Corner brackets & plates are made of CRCA with Zinc Phosphating/ Nylon/ PP
- Gaskets made of EPDM



RAW MATERIAL TESTING

Only material that passes all the following tests is used in making window sections:



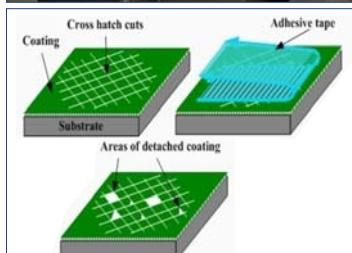
► Micrometer Test

The thickness of the PPGL sheet is measured by Micrometer. The GI Coating (GSM) is tested with the help of Magnetic Principle Thickness Gauge



► Salt Spray Test:

A solution of NaCl is sprayed for 750 hours. The material should withstand without sign of corrosion.



► Cross Hatch Test:

Straight & cross lines are made with a needle to make 1mm square unit. A strong adhesive tape is firmly affixed on the squares made and pulled off. The square painted area should not peel off from the surface.



► MEK (Methyl Ethyl Ketone) Test:

Painted surface is wiped with MEK dipped cotton for 50 double wiping. The paint should not be affected.



► Bend Test:

A sample piece of PPS sheet is bent to an angle of 180 degree around 2 pieces of similar thickness. The paint should not crack.



► Pencil Hardness Test:

A sharp line with a sharp edged 2H pencil is drawn on sample. The point should not penetrate the paint.



► Erichsen Cupping Test:

Galvanized/PPS sheet stretched in a special equipment in the shape of a cup. The breaking point of zinc is checked. This should be a minimum of 7.5mm. At the same time the paint should not crack.

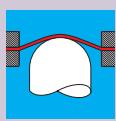


STRONG & DURABLE

NCL's Multi Layered Protection

- ① IS 513 CRCA steel
- ② 120 GSM Zinc as per IS 277
- ③ 5-7 microns of Epoxy Primer
- ④ 12-16 microns of Polyester
Top coat Paint
- ⑤ 5-7 microns of Alkyd backer
- ⑥ Polyethylene film

THE QUALITY CHECKS...



Erichsen Cupping Test



Cross Hatch Test



MEK Test



Salt Spray Test



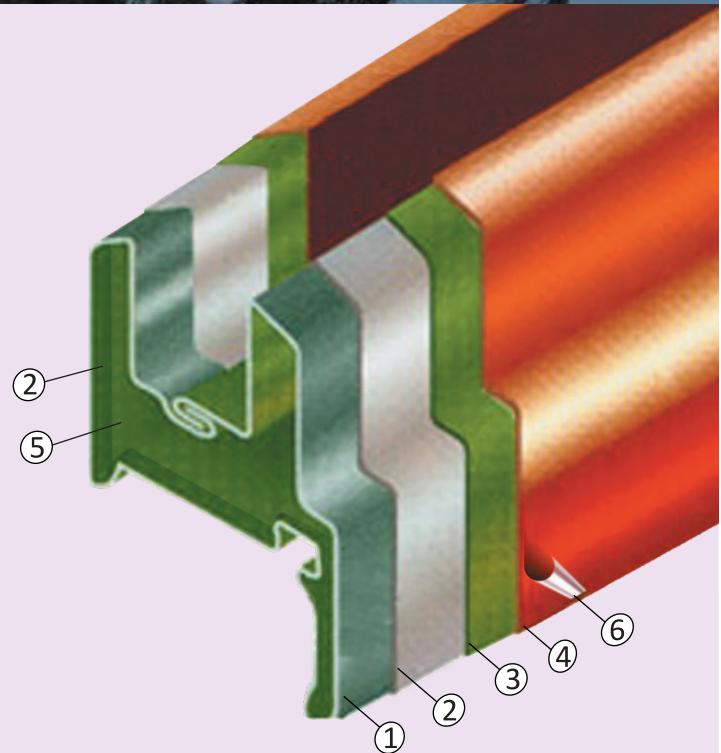
Bend Test



Impact Test

Tightly sealed from all sides with Leak proof EPDM Gasket and precise reinforcements (optional), that meet IS 875 standards.

Withstands higher wind pressures and provide maximum security. Lasts year after year. No fading. No Corrosion. Scratch resistant.



NCL
COLOURED
GI WINDOORS



AJANTHA SERIES



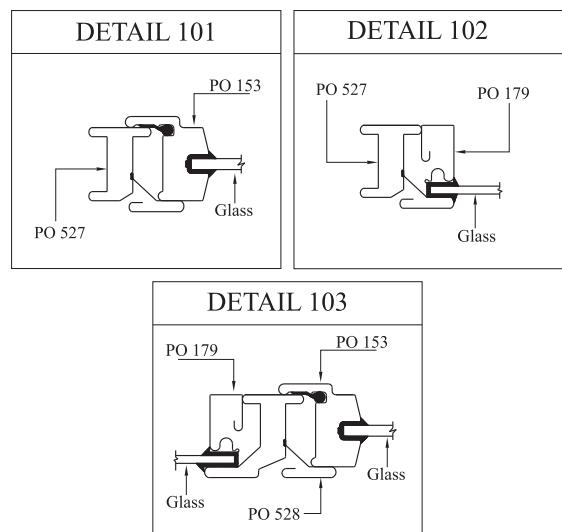
Size: Custom

CRCA Steel : IS 513
GI Std. : IS 277



NCL COLOURED GI WINDOORS

SECTIONS



FEATURES



Colour Choice



Stronger Wind Shield



Mosquito Proof



Leak Proof



Noise Proof



Heat Resistant

ECO 3000 SERIES



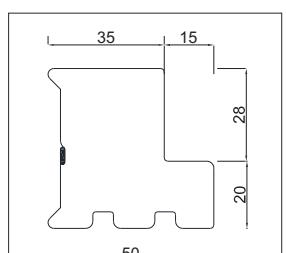
In customised sizes

CRCA Steel : IS 513
GI Std. : IS 277



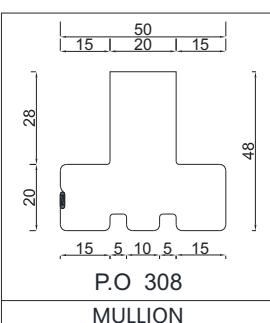
NCL
COLOURED
GI WINDOORS

SECTIONS



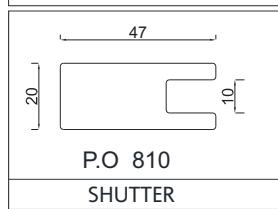
P.O 307

OUTER FRAME



P.O 308

MULLION



P.O 810

SHUTTER

FEATURES

- Strong
- Durable
- Elegant
- Safety & Security
- Maintenance free
- Eco friendly

ZerO MAINTENANCE

STOP leakages

Security Bars/Grill

ECO 4000 SERIES



In customised sizes

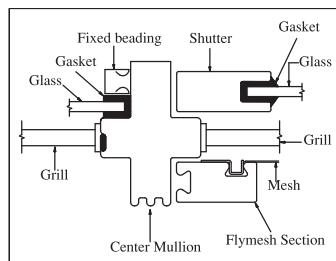
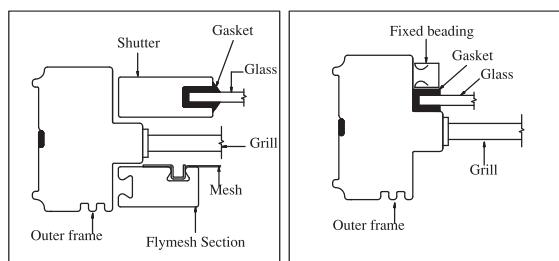
CRCA Steel : IS 513
GI Std. : IS 277



NCL

COLOURED
GI WINDOORS

SECTIONS



FEATURES

- Strong
- Durable
- Elegant
- Safety & Security
- Maintenance free
- Eco friendly

ZerO MAINTENANCE

STOP leakages

Security Bars/Grill

WINSPIRE SERIES

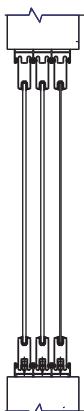
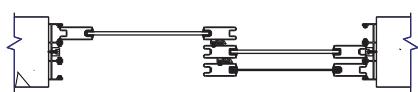
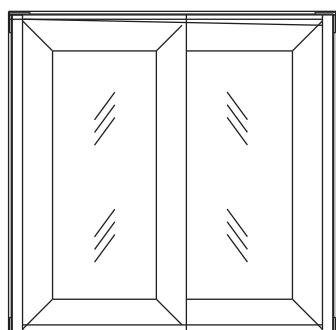


In customised sizes

CRCA Steel : IS 513
GI Std. : IS 277



NCL
COLOURED
GI WINDOORS



FEATURES

- Strong
- Durable
- Elegant
- Safety & Security
- Maintenance free
- Eco friendly



Maintenance free



Fire Retardant



Strong & Durable

DOOR FRAME



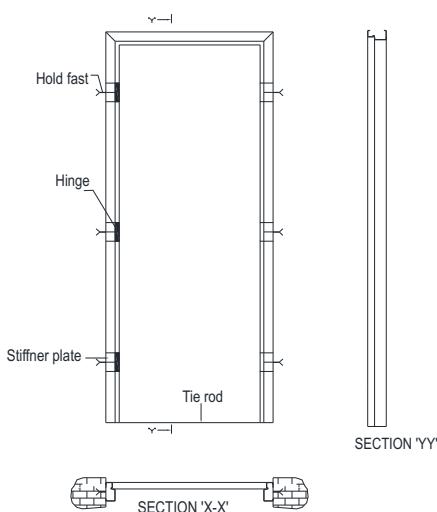
In customised sizes

CRCA Steel : IS 513
GI Std. : IS 277



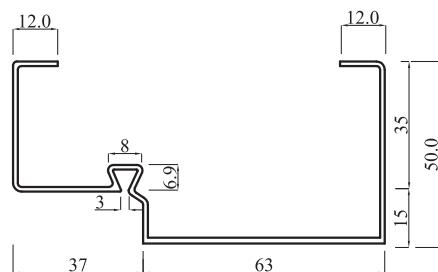
NCL
COLOURED
GI WINDOORS

SECTIONS



FEATURES

- Strong
- Elegant
- Eco friendly
- Durable
- Maintenance free



NCL ABS DOOR



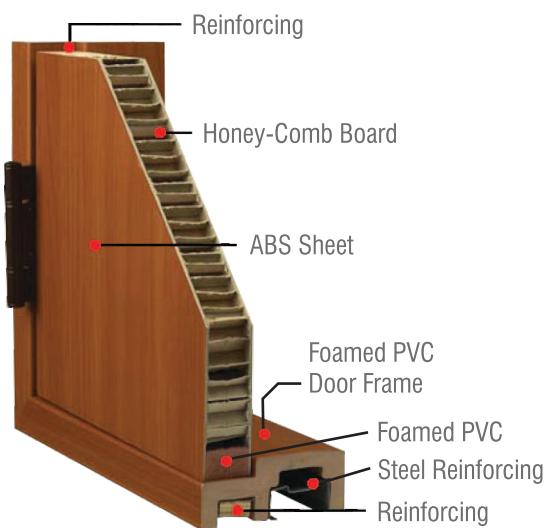
Size:900mmX2100mm

For interiors



NCL
ABS DOORS

CROSS SECTION



FEATURES



No termites



No warping



No maintenance



No dampness



THINK GREEN.

Switch to eco-friendly NCL Windows.

NCL Windows are eco-friendly, envisages conserving wood and low consumption of fuel.





NCL CCGI Windows in 2BHK Projects, Telangana



NCL CCGI Windows in 2BHK Projects, Telangana



India's **No.1**



18 Extrusion Lines | 10 Fabrication Units | Present Across Nation | End-to-end Solutions | Partnering With World's No.1

- Finest finish and quality
- Superior aesthetics
- Perfect heat and sound insulation
- High resistance to natural elements
- Dedicated installation & support services

A promise of quality to a home owner in their pursuit of creating a happy abode.

NCL
UPVC
WINDOORS

a joint venture between NCL Group and



Veka AG, Germany

NCL I-50



In customised sizes

Meets EN Standards



Design Flexibility



Off-site Fabrication



Speed of Installation

NCL
UPVC
WINDOORS



No Leakages



Control Noise



Thermal Insulation



Fire Retardant



Strong & Durable



Save Energy



Maintenance free



Eco-friendly

NCL I-60



In customised sizes

Meets EN Standards



Design Flexibility



Off-site Fabrication



Speed of Installation

NCL
UPVC
WINDOORS



No Leakages



Control Noise



Thermal Insulation



Fire Retardant



Strong & Durable



Save Energy



Maintenance free



Eco-friendly

NCL I-60



Size: 2100 mm X 1800 mm

Meets EN Standards



Design Flexibility

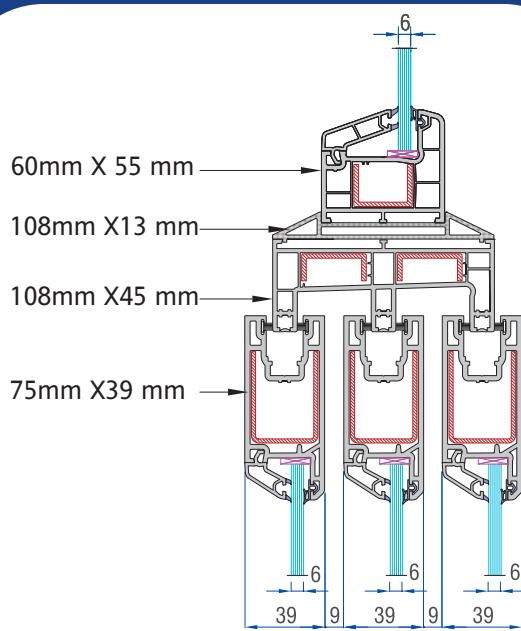


Off-site Fabrication



Speed of Installation

NCL
UPVC
WINDOORS



No Leakages



Control Noise



Thermal Insulation



Fire Retardant



Strong & Durable



Save Energy



Maintenance free



Eco-friendly

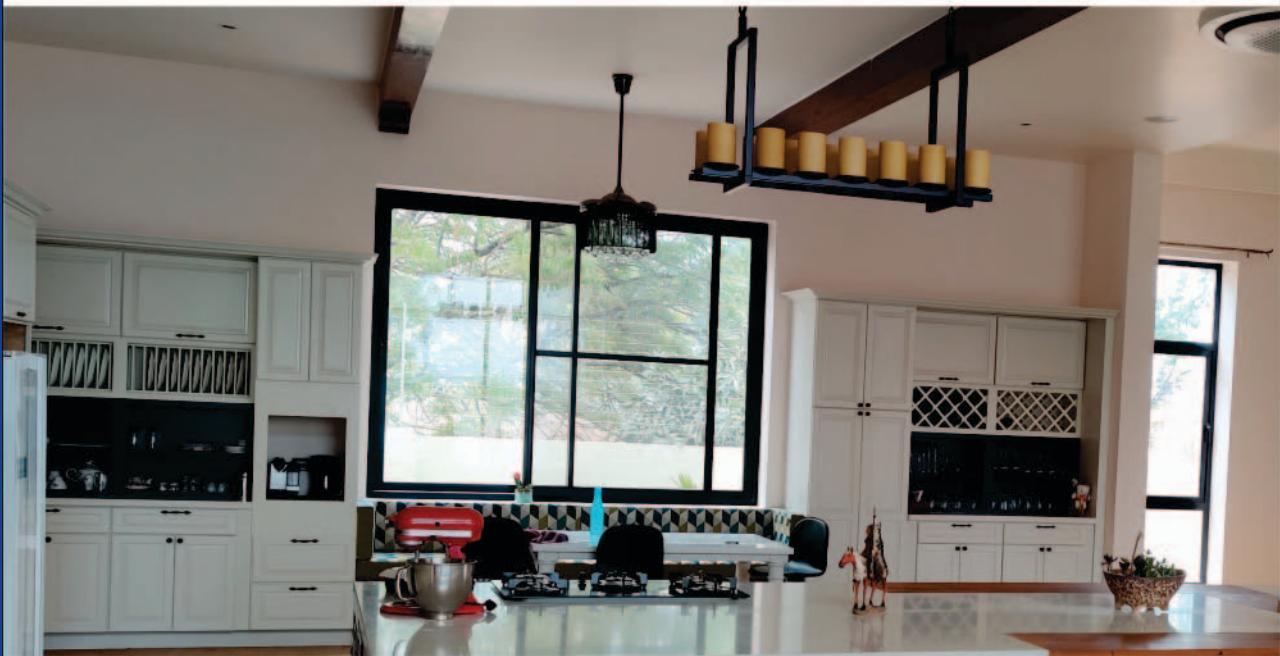


NCL uPVC Windows in VIT, Chennai



NCL uPVC Windows in Hombale Project, Bengaluru

NCL ALUMINIUM DOOR



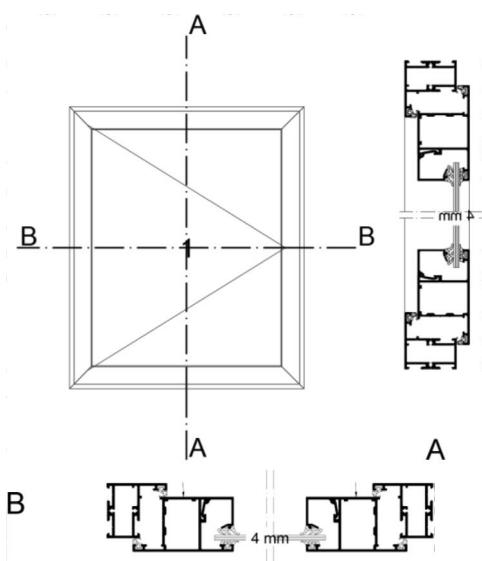
SCHÜCO
Partner

Meets EN Standards



NCL
ALUMINIUM
WINDOORS

CROSS SECTION



FEATURES

- Single and double glazing (4 mm to 25 mm)
- Single-point and multi-point locking
- Water tightness up to 1500 Pa
- Air permeability up to class 4 i
- Wind resistance up to 2000 Pa
- Sound reduction up to 34 dB
- Window sill can be inserted
- Optional façade integration



WE GO THE EXTRA SMILE.



WINDOWS

DOORS

PARTITIONS

GLAZINGS

Thousands of Installations... Windows, doors and glazings. • Trained technicians for proper installation.

Proven systems, procedures and methods developed for over 25 years.

NCL SERVICES

Backed by NCL SERVICES, a dedicated team offering comprehensive range of effective installation and maintenance solutions. The installation services focus on offering assistance with detailed drawings of the products, along with designing, manufacturing of windows & doors.

Reputed for on-time delivery, flawless execution, hassle-free installation and assured maintenance services post installation.



Speed of Installation



Sustainability



Off-site Fabrication



Quality & Cost



Superior Airtightness



Design Flexibility

Some of the projects - NCL products have touched:

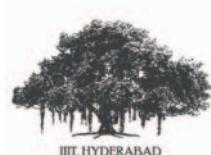


Some of our distinguished clients include:

Government sector:



APMSIDC



Infrastructure Contractors:



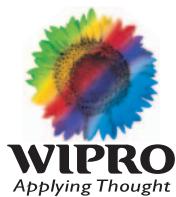
Builders & Developers:



PROVIDENT



Corporate Customers:



Finolex

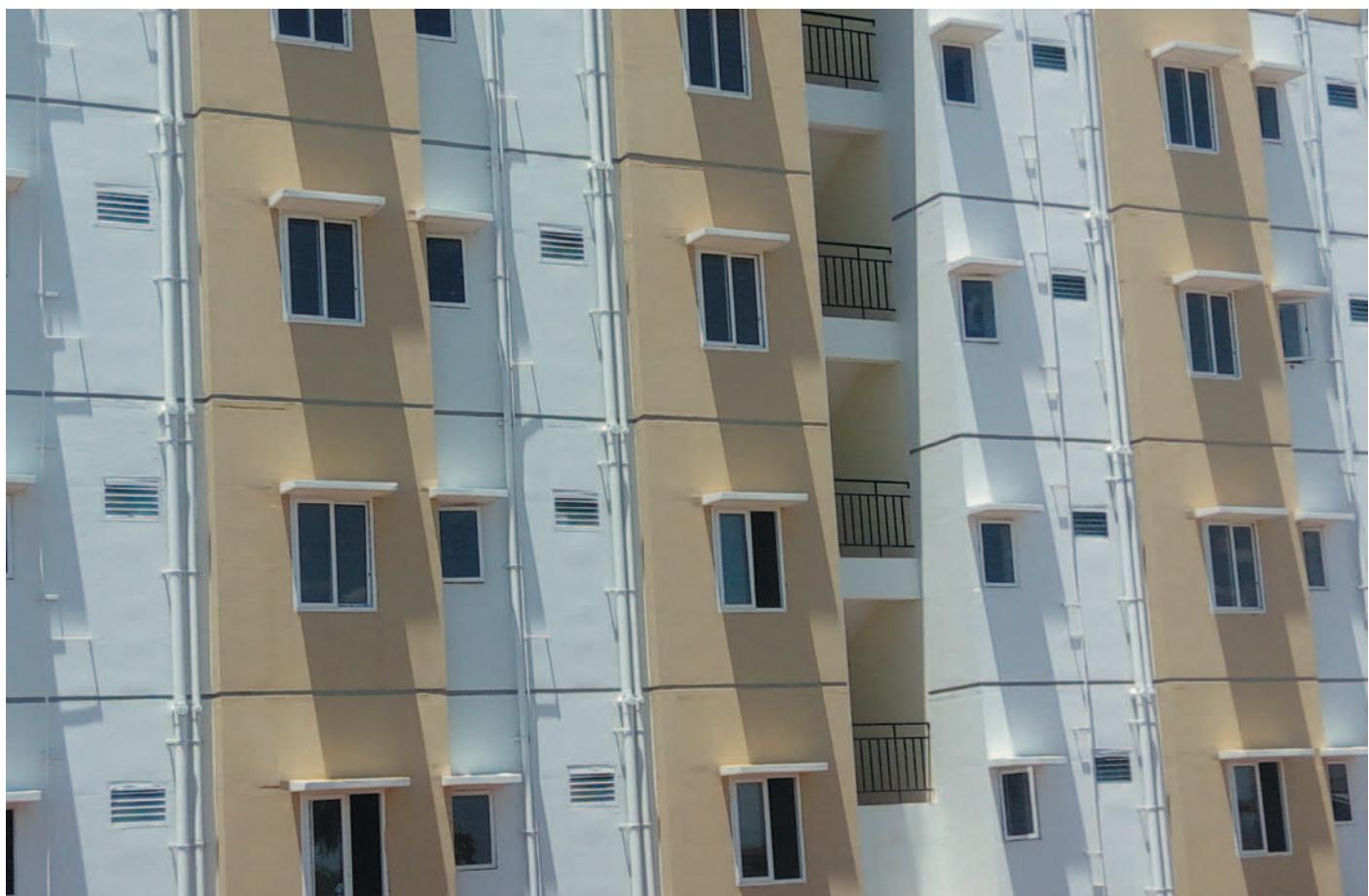
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Present Across India





NCL CCGI Windows in SVIMS Hospital, Tirupathi



NCL CCGI Windows in 2BHK Housing Projects, AP



NCL CCGI Windows in Nellore Medical Collage



NCL CCGI Windows in 2BHK Hosing Project, TS



BUILD SMART. LIVE HAPPY

NCL
BUILDEK LTD

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