





EUROPEAN TECHNOLOGY UPVC PROFILE SYSTEMS

— The perfect frame to your view —



  SUDHAKARGROUP





ABOUT US —

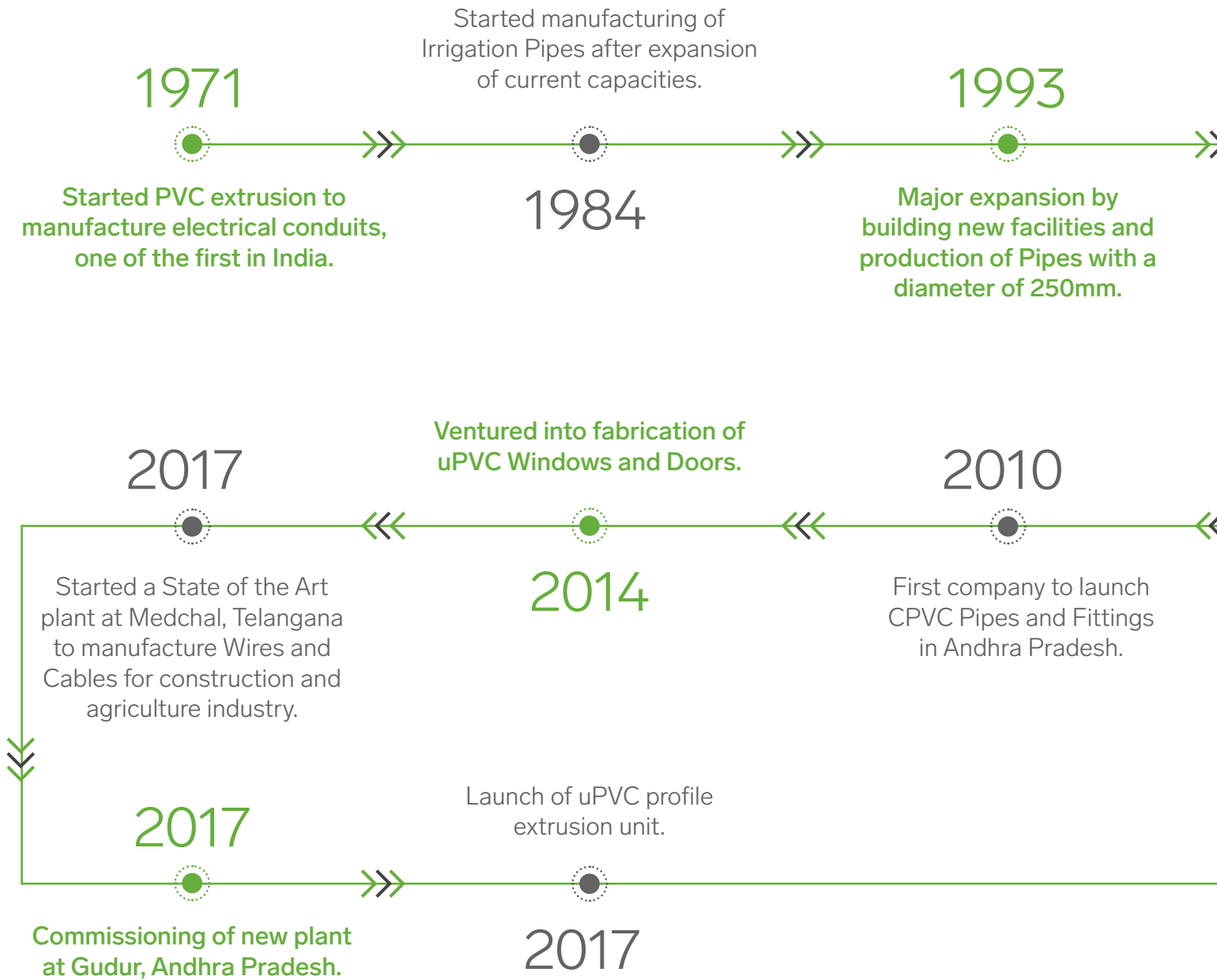
Sudhakar Group is a leading business conglomerate headquartered in Suryapet, Telangana with 9 manufacturing plants spread across South India. The group was the first to introduce PVC extrusion in South India while diversifying into a major construction, infrastructure and agricultural product supplier in India. Currently Sudhakar is in the top 5 producers of extrusion products in India.

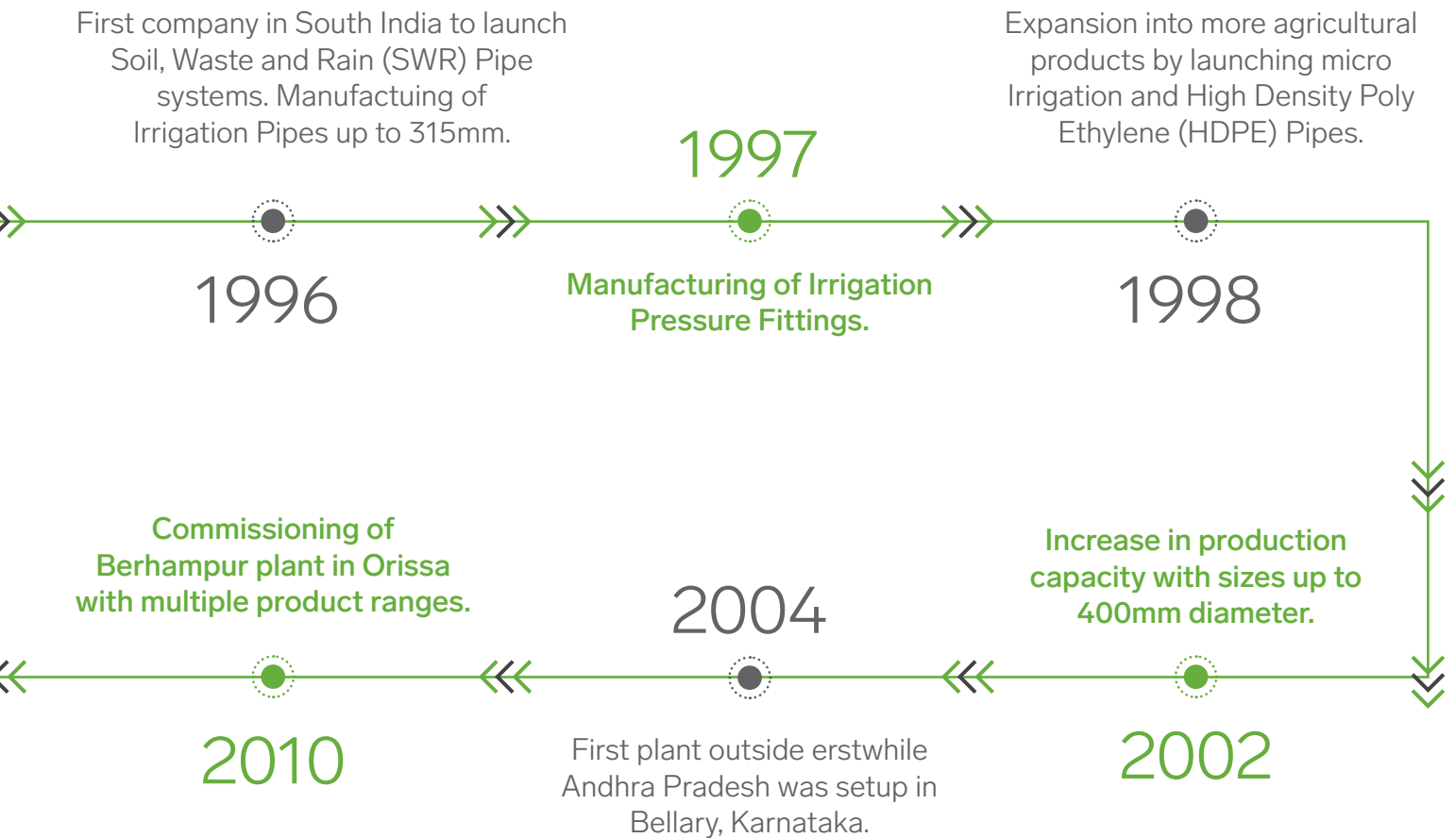
The group has presence in South and East India and is expanding to rest of India.

The company started with fabrication of windows and doors in the year 2015 and later started extrusion of uPVC profiles with State of the Art plant in Andhra Pradesh.









MILE STONES OF SUDHAKAR GROUP —

PRESENCE OF SUDHAKAR —

Innovative verticals are becoming best-in-class proposition experts. So we can hit the ground running, we will be conservatively investing every stand-up in our space. Is your alignment prepared for competitive core competency growth? You need to globally relay your game changers to increase your architecture velocity.



Sales Offices

Telangana

- Hyderabad
- Warangal
- Suryapet

Andhra Pradesh

- Vijayawada
- Visakhapatnam
- Nellore
- Kurnool

Odisha

- Bhubaneswar
- Berhampur

Chattisgarh

Uttar Pradesh

New Delhi

Bihar

Uttarakhand

Rajasthan

Karnataka

- Bellary
- Bangalore
- Hubli

Maharashtra

Tamilnadu

- Chennai
- Madurai

Jharkhand

- Ranchi

West Bengal

- Kolkata

Manufacturing units

Telangana

- Hyderabad
- Suryapet

Andhra Pradesh

- Gudur

Karnataka

- Bellary

Odisha

- Berhampur

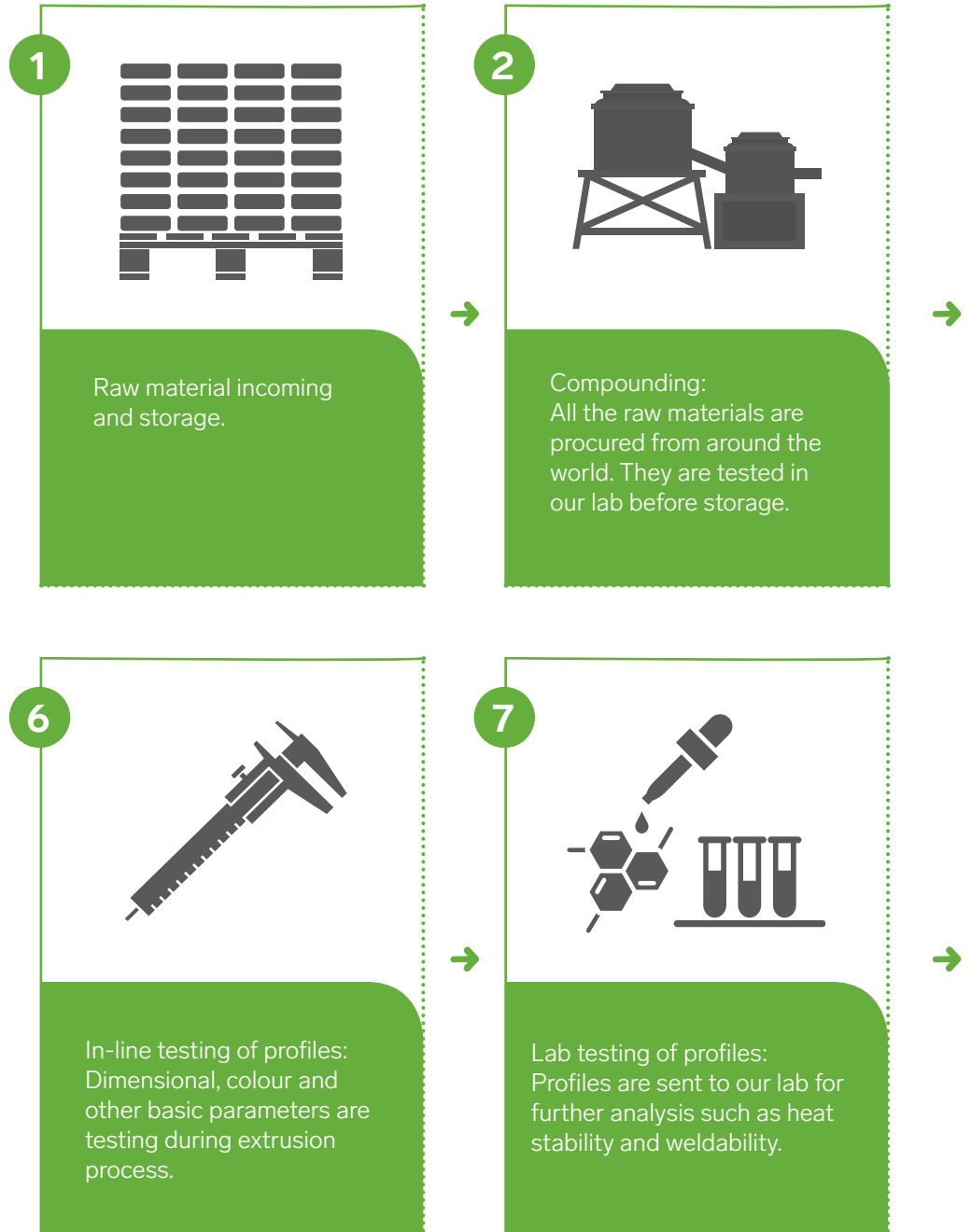






SUDHAKAR
PROFILE SYSTEMS

PRODUCTION FLOW —

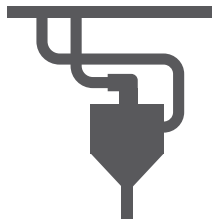


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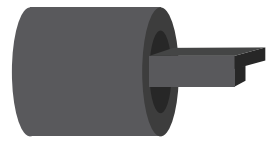
Silo storage
Compound is stored in silo, ready for extrusion.

4



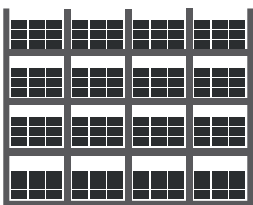
Conveying to extrusion:
Material is conveyed using complex piping system to the extruder. This ensures that the compound is not adulterated with external materials.

5



Extrusion of profiles:
Profiles are extruded in State of the Art tools.

8



Storage of finished goods:
After passing all the parameters, the profiles are storage in the finished goods section.

9



Dispatch to customer:
The profiles are sent to the customer within a day of ordering.

TROPICAL MIX —

In high UV radiation zones such as the Indian sub continent, we need extra protection against the harmful effects of sunlight.

We at Sudhakar use a special blend of material with high UV stabilizer. This makes the profiles last longer under the harsh Indian sun without any de-colouration.



ADVANTAGES OF SUDHAKAR PROFILE SYSTEMS



Water Resistant



Sound Insulation



Thermal Insulation



Energy Efficient



Wind Resistant



Eco Friendly



Termite Free



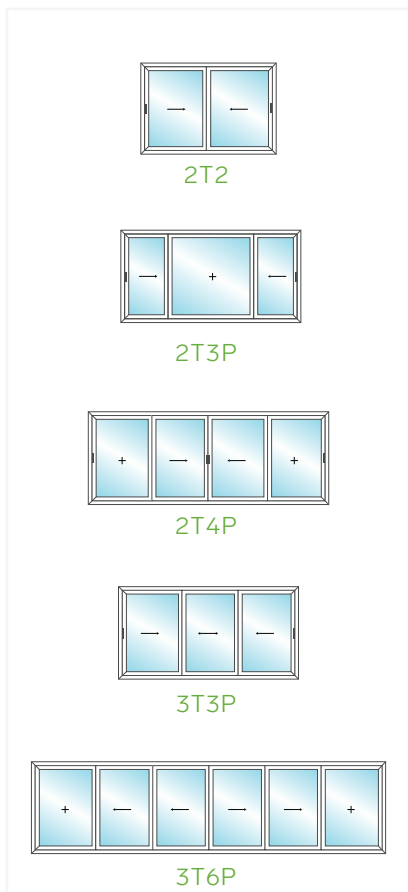


SLIDER SYSTEMS —

SUDHAKAR sliding uPVC Window and Door systems are designed for Indian conditions. Heavy duty sections give higher and wider openings than industry standard, allowing more light and air in.

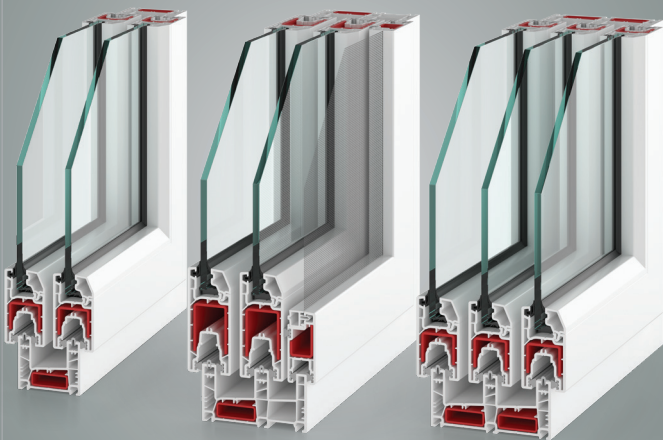
Bug Mesh shutters can be given as standard option, or can be added later for protection from insects. Slider systems can be combined with casement systems for greater design flexibility.

Heavy Duty Window Sash Sections with 68mm and Heavy Duty Door Sash Section with 88mm in the series of 2 track, 2.5 track and 3 track outer frames, with mesh and without mesh.



— SUDHAKAR'S SLIDER SYSTEM PROVIDES —

5 to 18 mm glass thickness	Bigger slopes for Indian monsoon conditions	Aluminum track for smooth operations and durability	Multiple track options - 2 track, 2.5 track, 3 track
Sash options available for Windows and Doors	Bigger reinforcement provision for high wind load conditions	Profile with Euro Grove for better hardware fixing	Hurricane bar for high rise buildings
Extra web support for stability	Provision of mosquito mesh for Windows and Doors	Unique mosquito mesh inset for perfect mesh fixing	



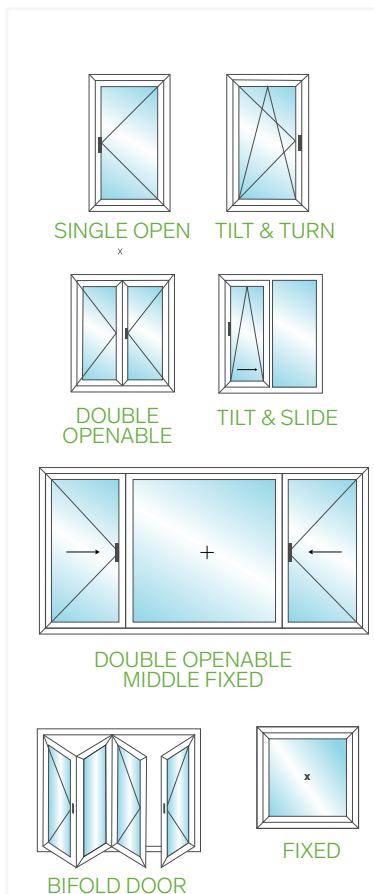
- Laterally offset water slot for better vapour pressure
- Screw support webs
- Sloped drainage flow for fast water extraction
- Flat bottom surface for easy mount on brick/concrete.
- Aluminium track for better rolling performance
- Stiffening web for high wind load support

CASEMENT SYSTEMS —

Sudhakar's casement uPVC window and door systems have a 3-chamber system with 60 mm construction depth. It is a 2 gasket system that seals and maintains temperature.

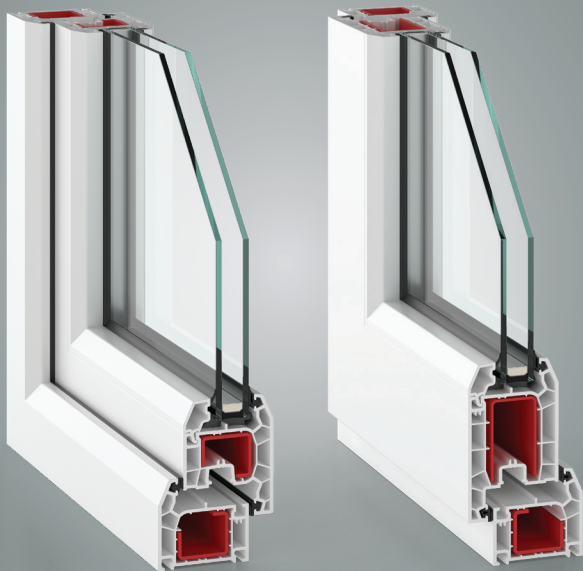
Casement system is designed with internal gaskets exchangeable giving flexibility for the customer to choose from various glass thicknesses. Outward open window can be fixed with a grill provision and inward open mesh even on 4 inch wall.

The system can be designed for heavy wind load regions without affecting the long-term performance of the window and door.



— SUDHAKAR'S CASEMENT SYSTEM PROVIDES —

High energy saving	Various types of combinations and designs	Multiple frame and sash options	5 mm - 33 mm glass thickness available
Water groove to stop inwards flow	Profile with Euro Grove for secured hardware fixing	Bigger reinforcement provision for high wind load conditions	Grill and Mosquito mesh provision on a 4 inch wall
Double weather-stripping for maximum air tightness and noise reduction	90° sash opening for easy cleaning	Sturdy multipoint locking mechanism	Extra web support for higher strength



- Slope angle for very easy water flow and dirt reduction
- Huge water groove for strong monsoon conditions
- Extra inner webs for stronger profile
- Extra deep chamber for better vapour pressure and drainage
- Flat bottom surface for easy mounting on brick concrete...
- Striker plates and friction hinge mounted in steel for extra strength (burglarproof)
- Water stopper and friction hinge support
- Universal Euro-groove
- Steel reinforcements heavy duty for Indian wind loads





COLOR PROFILES OPTIONS

Sudhakar uses high quality laminate developed and produced in Germany to withstand high UV and temperatures of Indian climate. Currently Sudhakar is offering the following laminates.

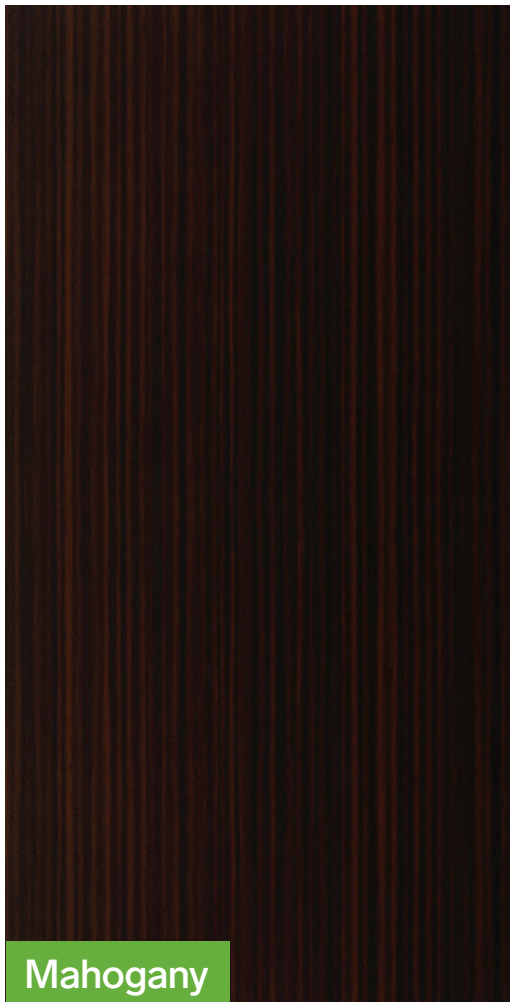


Walnut

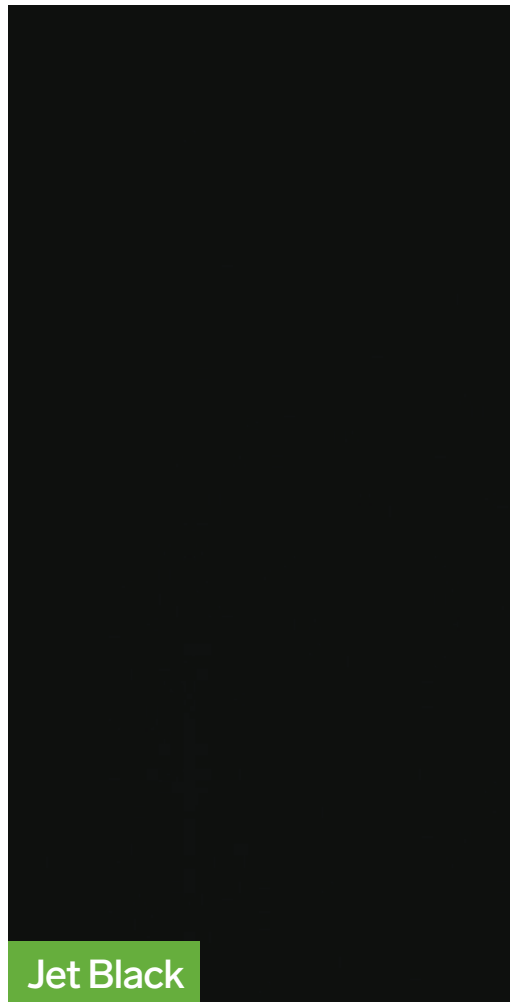


Golden Oak





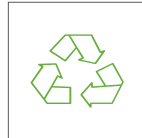
Mahogany



Jet Black

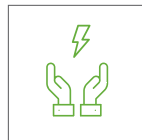
Sudhakar also supplies various combinations of laminations with single or double sided foiling.

WHY SUDHAKAR PROFILES WILL BE YOUR FIRST CHOICE EVERY TIME —



Sustainability

- Lead Free
- Easy to recycle



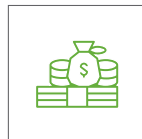
Insulation and Energy Saving

Saves energy
during all seasons



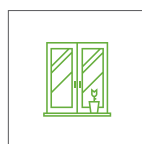
Minimal Maintenance

- Easy to clean using a mild detergent
- Only a few hardware items need occasional lubrication



Cost Competitive

Value for money with low
costs for high quality



Durability

- Durable for years
- Strong, sash resistant frames to avoid outsider penetration
- Termite resistant
- Moulds, rust and corrosion free

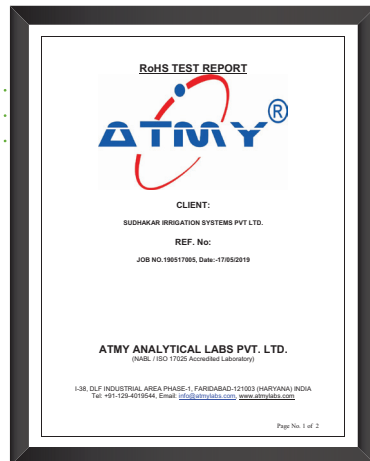


Design Capabilities

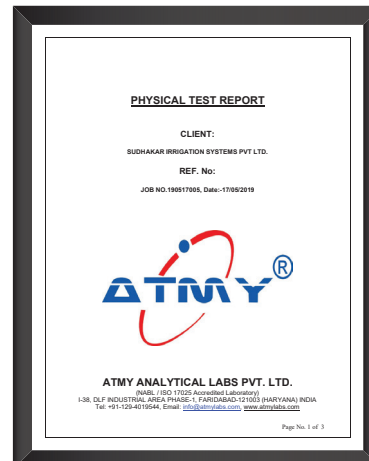
- Combination can be fabricated according to customer needs
- Available in various colours inside and out
- European Technology

CERTIFICATES

1. RoHS TEST REPORT



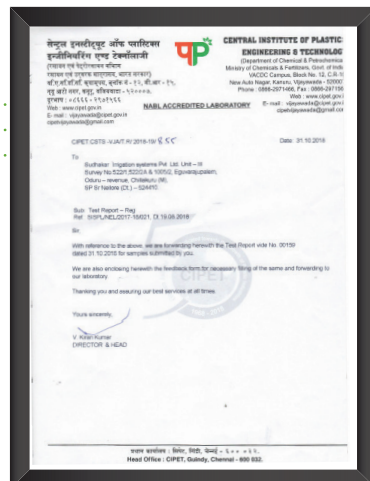
2. PHYSICAL TEST REPORT



3. SUDHAKAR IRRIGATION SYSTEMS RoHS REPORT-TUV



4. CIPET TEST RESULT



5. CIPET TEST RESULT PART 2



6. SUDHAKAR_TEST REPORT NO
135391_19-II



— Authorized Fabricator —



EUROPEAN TECHNOLOGY UPVC PROFILE SYSTEMS

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