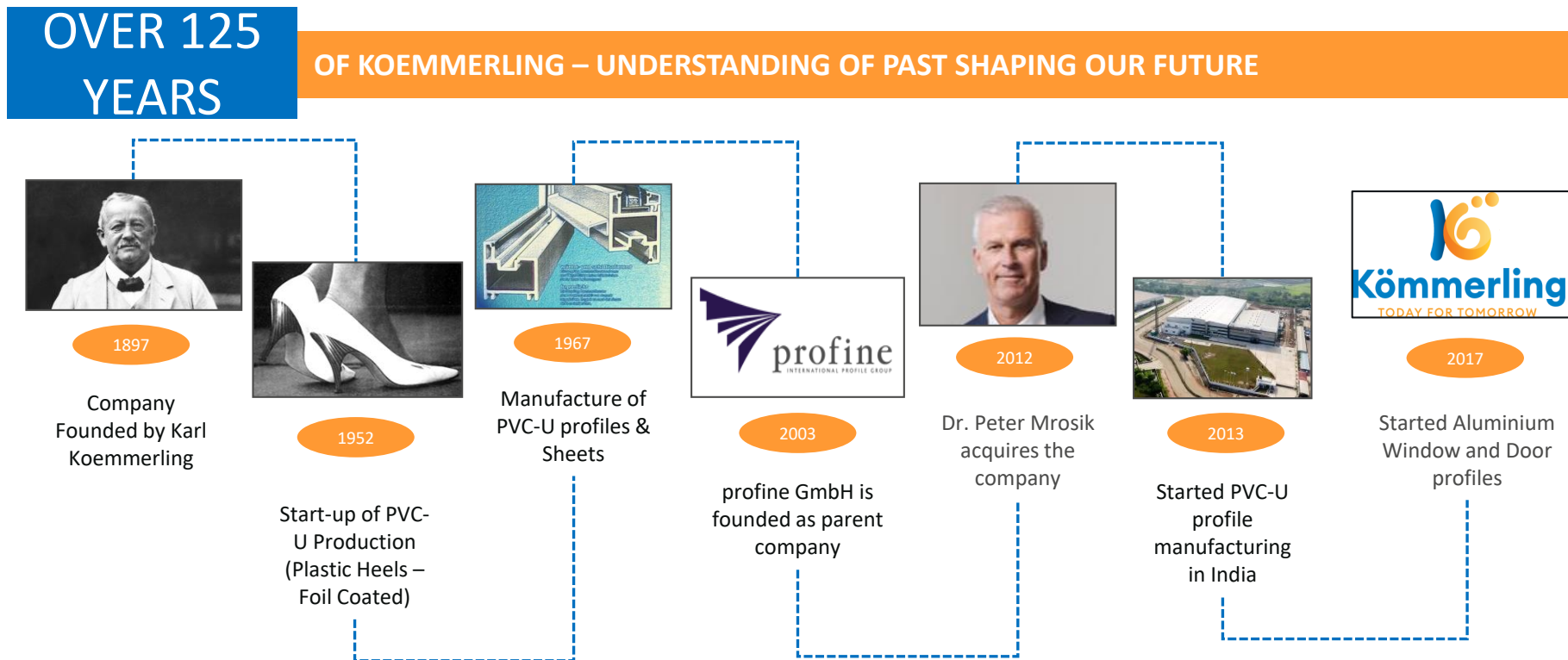


KOEMMERLING
A BRAND FOR THE FUTURE

KOEMMERLING. TODAY FOR TOMORROW.

World Leader in Premium Window and Door Systems



OVERVIEW. PROFINE. FACTS

BRANDS	KBE, KÖMMERLING, TROCAL, ALUPURE
PRODUCTS	Profile systems for windows, doors, facades, shutter systems and sheets
EMPLOYEES WORLDWIDE	Over 3000
GROUP TURNOVER	Over 1 Billion Euros (consolidated)
MARKETS	Supply to more than 100 countries
LOCATIONS	29 in 23 countries - headquarters in Pirmasens
MARKET SHARE	21% (Germany)
PRODUCTION CAPACITY	Approx. 450,000 ton / year

KOEMMERLING A BRAND FOR THE FUTURE

YOUR STRONG PARTNER IN PROFILE BUSINESS

- › Sustainable Future
- › Sustainable Commitment
- › Sustainable Recycling
- › Sustainable Beginners
- › Sustainable Production



KOEMMERLING ADVANTAGES

› profine GmbH: Worldwide Leading Manufacturer

› Wide Range of Systems

› Country Specific Systems

› Best Quality and Innovations

› Environmental Friendly Material

› Excellent Services

› Comprehensive Worldwide Network



KOEMMERLING

WHEEL OF PROGRESS

Quality

DIN, ISO, BSI & EN certified UV stabilized with 10 years warranty

Product Development

Highest library of allied profiles, Sliding modules beyond 3 track and slimmer profiles for casement series

Cost

Value for money, independent of USD fluctuations and most competitive German technology profiles

Delivery

Zero lead time as profiles are made in India. Flawless packaging and extraordinary service



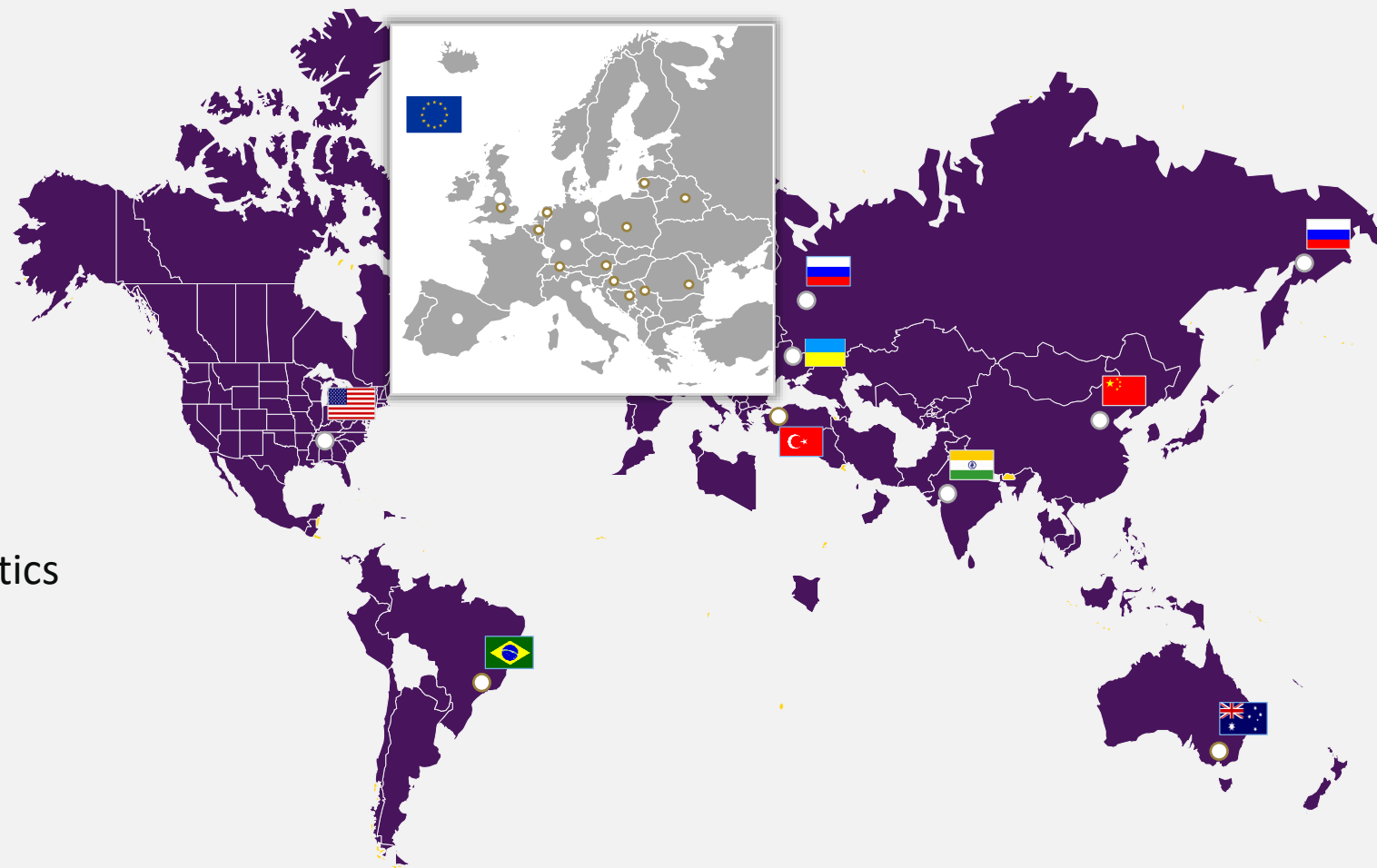


Profine

GLOBAL
PLAYER
LOCAL
PARTNER

WORLDWIDE PRODUCTION SITES

LOCATIONS WORLDWIDE & EUROPE



○ Extrusion Plants & Logistics

○ Logistics Centre

■ Sales Areas

EXTRUSION PLANTS

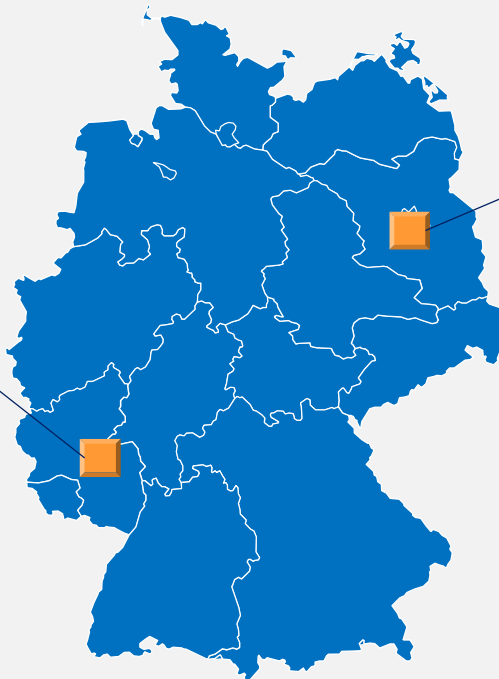


PIRMASENS (GER)

Employees: 1,175

Production:
125,000 tons profiles
28,000 tons sheets

Extrusion lines: 79 profiles / 9 sheets



BERLIN (GER)

Employees: 480

Production:
115,000 tons profiles

Extrusion lines: 46

EXTRUSION PLANTS



MADRID (ESP)

Employees: 170

Production:
14,000 tons profiles

Extrusion lines: 12

MARMOUTIER (FRA)

Employees: 115

Production:
16,000 tons profiles

Extrusion lines: 11

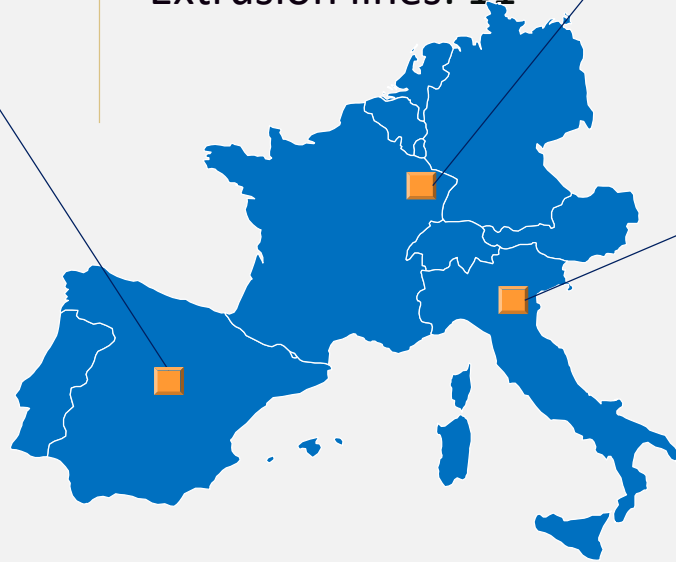


BOSARO (ITA)

Employees: 105

Production:
10,000 tons profiles

Extrusion lines: 12



EXTRUSION PLANTS



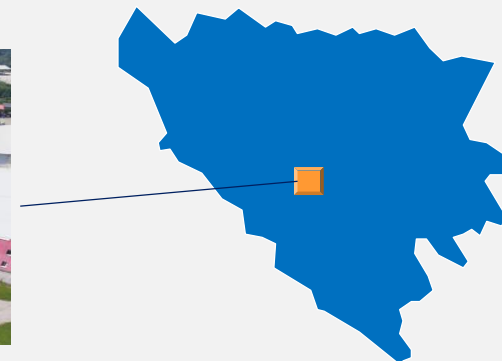
HUTHWAITE (UK)



Employees: 230

Production:
24,000 tons profiles

Extrusion lines: 21



BOSNIEN-HERZEGOWINA (BIH)

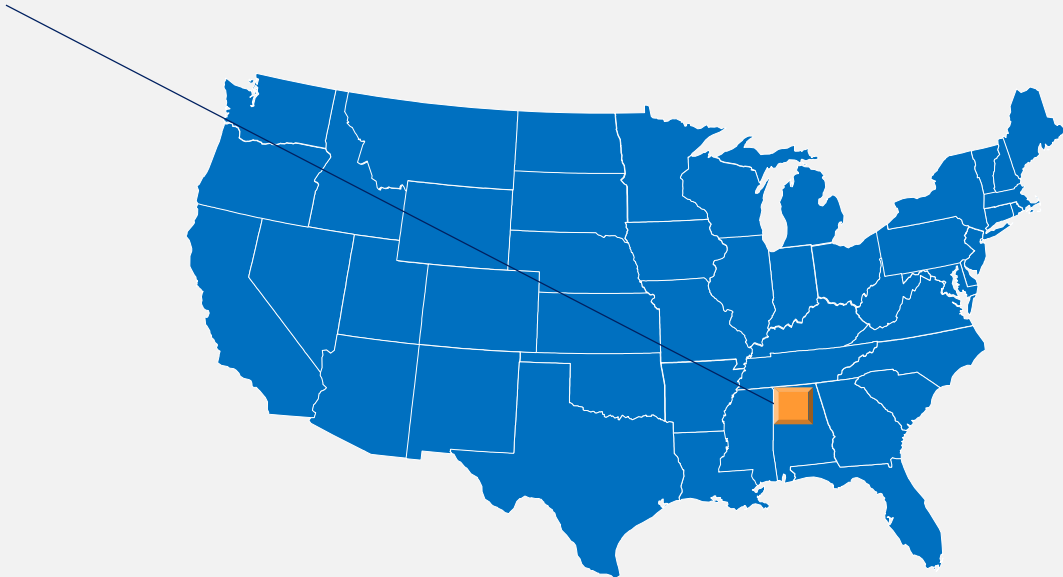


Employees: 80

Production:
2,200 tons profiles

Extrusion lines: 2

EXTRUSION PLANTS



HUNTSVILLE (USA)



Employees: 90

Production:
23,500 tons profiles
>300,000 windows and/or 2,000 doors

Extrusion lines:
8 sheets
2 production lines (windows and/or doors)

EXTRUSION PLANTS



ZAPOROZHIE (UKR)



Employees: 85

Production:
10,000 tons profiles

Extrusion lines: 6



VOSKRESENSK (RUS)



Employees: 320

Production:
90,000 tons profiles

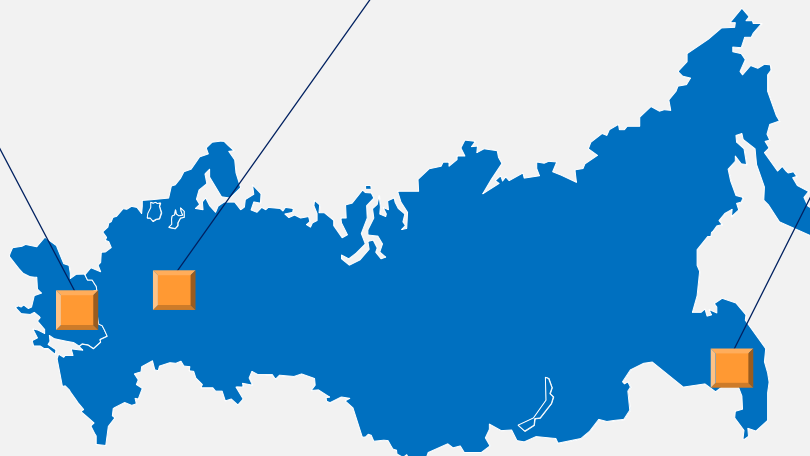
Extrusion lines: 33

CHABAROVSK (RUS)



Production:
4,000 tons profiles

Extrusion lines: 3



EXTRUSION PLANTS



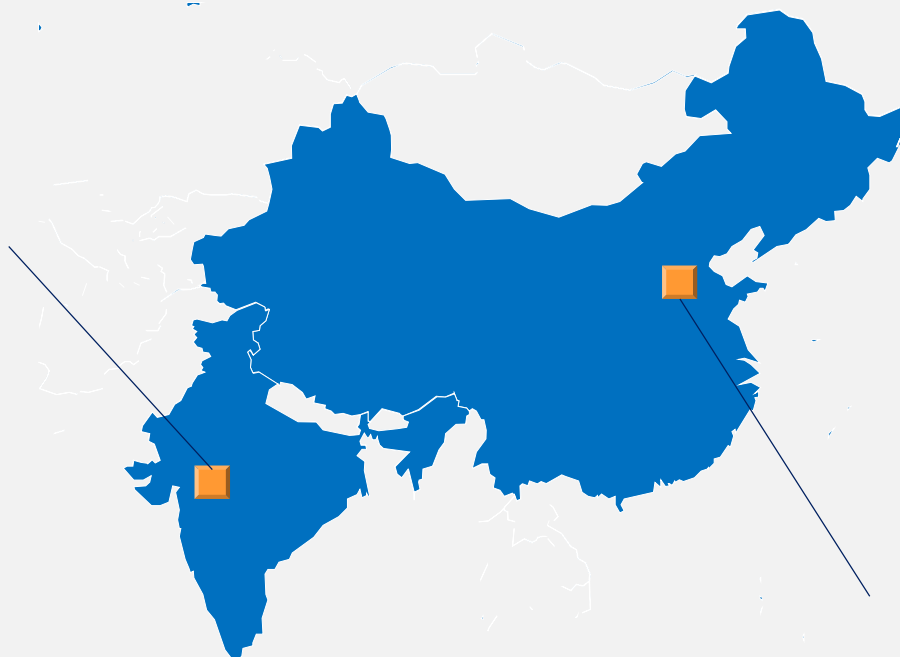
VADODARA (IND)



Workforce: 150

Production:
6,000 tons profiles

Extrusion lines: 5
Foiling line: 1
Excusive Showroom
Technical Training Centre



TIANJIN (CHN)



Employees: 80

Production:
8,000 tons profiles

Extrusion lines: 11

EXTRUSION PLANT - INDIA



KOEMMERLING PRESENCE

INDIA. BHUTAN. NEPAL

› Head Office : New Delhi

› Branch Office : Mumbai

› Extrusion Plant : Vadodara

› Warehouse : Vadodara & Bengaluru

› Showroom : Vadodara & Mumbai

› Channel Partners : 107

› States and Union Territories : 31

› Cities: 82

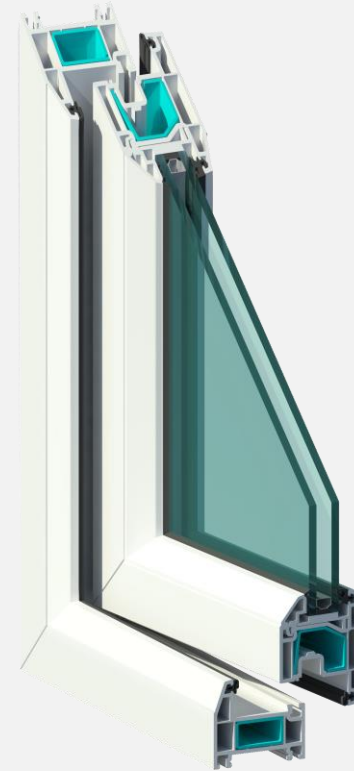




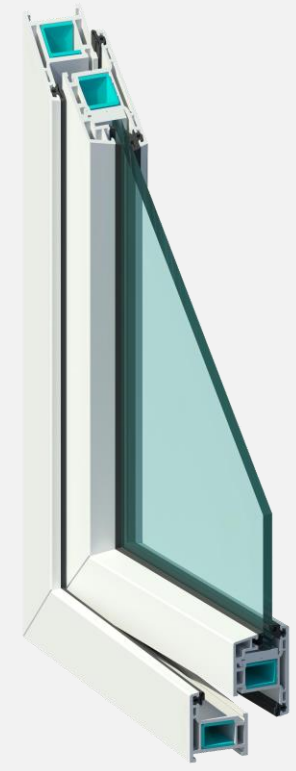
PRODUCT PORTFOLIO

CASEMENT WINDOWS & DOORS

- › A universal system to make outward opening & inward opening windows
- › Pre-positioned thermal chamber gives excellent thermal insulation
- › Barrier against dust and pollution.
- › Allows more light to enter the window.
- › Offers an unobstructed view.
- › Locks at several points across the window for security and better sealing.
- › With fly screen options
- › Windows cannot be opened from the outside.



Gold Asea System



Provent System

SUSTAINABLE COMMITMENT
SHAPING CHANGE TOGETHER

CASEMENT

WINDOW AND DOOR
SYSTEM



CASEMENT WINDOW WITH GRILL AND MESH

- › Appropriate option for Burglar-proof system with inbuilt metal grill and mosquito net
- › Both sashes have strong locking system to enhance security
- › Profiles with 6 chambers give excellent insulation
- › Frame with 3 strong galvanized steel reinforcement



Gold Asea System

SUSTAINABLE COMMITMENT
SHAPING CHANGE TOGETHER

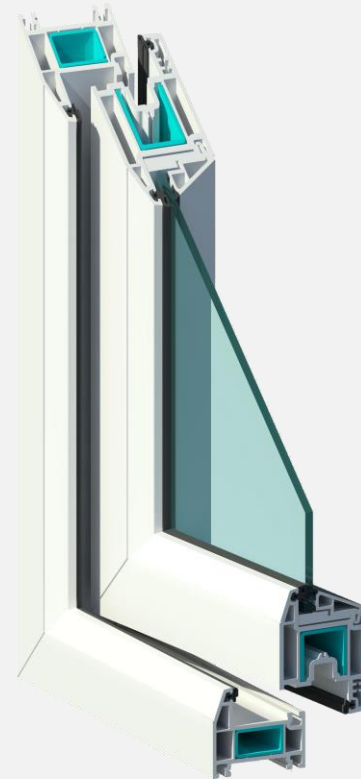
CASEMENT

WINDOW WITH GRILL AND
MESH SYSTEM



TILT & TURN WINDOW

- › Great window for additional ventilation.
- › Windows combine versatility with a smart, simple style ideally suited to modern homes.
- › Multi-solution for different type of window assembly.
- › Pre-positioned thermal chamber gives excellent insulation.
- › Slope rebate helps to drain out water.
- › Locking-keepers are screwed firmly with the steel reinforcement.



Tilt and Turn Window System

SUSTAINABLE COMMITMENT
SHAPING CHANGE TOGETHER

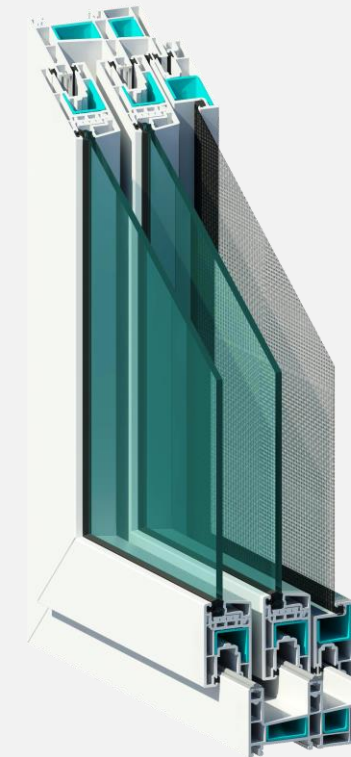
TILT AND TURN

WINDOW SYSTEM



SLIDING WINDOWS & DOORS

- › Space-economy as the sash slides both ways.
- › Integrated bug screen solution that can be removed for cleaning.
- › Thick strip of wool pile between all sashes keeps dust and insects out.
- › Sealing bridges ensure that sliding panels cannot be lifted or tampered with from the outside.
- › Interlocks between all panels ensure complete sealing from dust and other pollutants.



System Orta

SUSTAINABLE COMMITMENT
SHAPING CHANGE TOGETHER

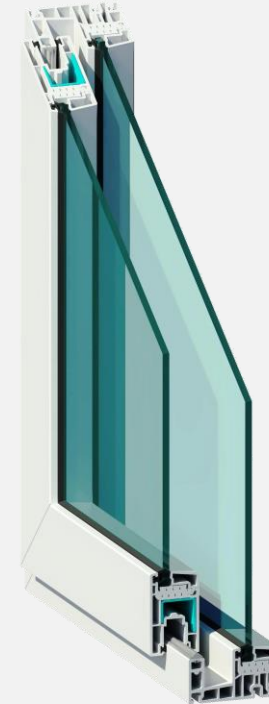
SLIDING

WINDOW AND DOOR
SYSTEM



FIX AND SLIDE WINDOW

- › Economical and unique multi-chambered fix and sliding window system
- › Stronger, more energy efficient system
- › Mono track and fixed frame
- › 2 frame system to meet various demands
- › Slope rebate of frame assists to drain out water quickly
- › Co-extruded glazing bead with lips tightens the sealing, ease of working on assembly and increased productivity
- › Provision of mosquito net



System Orta Plus

SUSTAINABLE COMMITMENT
SHAPING CHANGE TOGETHER

FIX AND SLIDING

WINDOW SYSTEM



SLIDING DOOR

- › Used for big size partition/ balcony doors
- › Considered to be the strongest sliding system in the field
- › Integrated bug screen solution that can be removed for cleaning.
- › Sealing bridges ensure that sliding panels cannot be lifted or tampered with from the outside.
- › Interlocks between all panels ensure complete sealing from dust and other pollutants.



System SF2

SUSTAINABLE COMMITMENT
SHAPING CHANGE TOGETHER

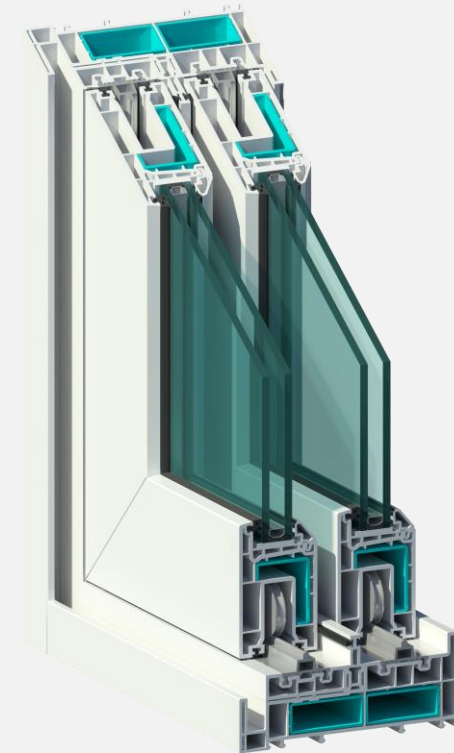
SLIDING

DOOR SYSTEM



LIFT AND SLIDE DOOR

- › Excellent performance sliding door system
- › Unique solution of aluminium threshold allows barrier-free access
- › Maximum wind pressure withstanding capability
- › Multipoint locking function enhances the safety performance
- › Sliding system with gasket to achieve maximum airtightness
- › Interlocks between all panels ensure complete sealing from dust and other pollutants.



Lift and Slide Door System

SUSTAINABLE COMMITMENT
SHAPING CHANGE TOGETHER

LIFT & SLIDE

DOOR SYSTEM

SLIDE AND FOLD DOOR

- › All door frames can be folded to save space and pushed to the side over a total width of upto 6 meter
- › Slide and Fold doors offer generous and barrier free access to terraces, conservatories, conference rooms, wherever needed.
- › Being equally suited to use as room dividers in hotels and catering establishments, Fold and Slide doors are also being increasingly used in homes.
- › Besides helping to prevent break-ins, the concealed screw fixing of the frame hinges on the Fold and Slide doors also enhances the overall appearance elegantly.
- › Inward or outward opening.



Slide and Fold Door System

SUSTAINABLE COMMITMENT
SHAPING CHANGE TOGETHER

SLIDE AND FOLD

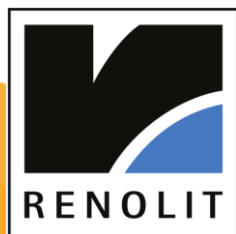
DOOR SYSTEM



MORE THAN COLOURS

DECORATIVE SURFACE FINISH

- › Laminated range of profiles, using RENOLIT FX foil and best in class Primer and PUR Glue(hot melt) methodology
- › Dirt repellent and easy to clean
- › Heat reflecting
- › Best film for all weather conditions
- › “Only” Window profile laminating film with PVDF top layer barrier to solar radiation
- › Very slow surface tension (Slippery surface)



Dark Oak



Mahogany



Walnut V



Golden Oak



Anthracite Grey



profine

STRIVING FOR EXCELLENCE

INNOVATIONS

R&D focuses on innovations in the central fields of window and door systems

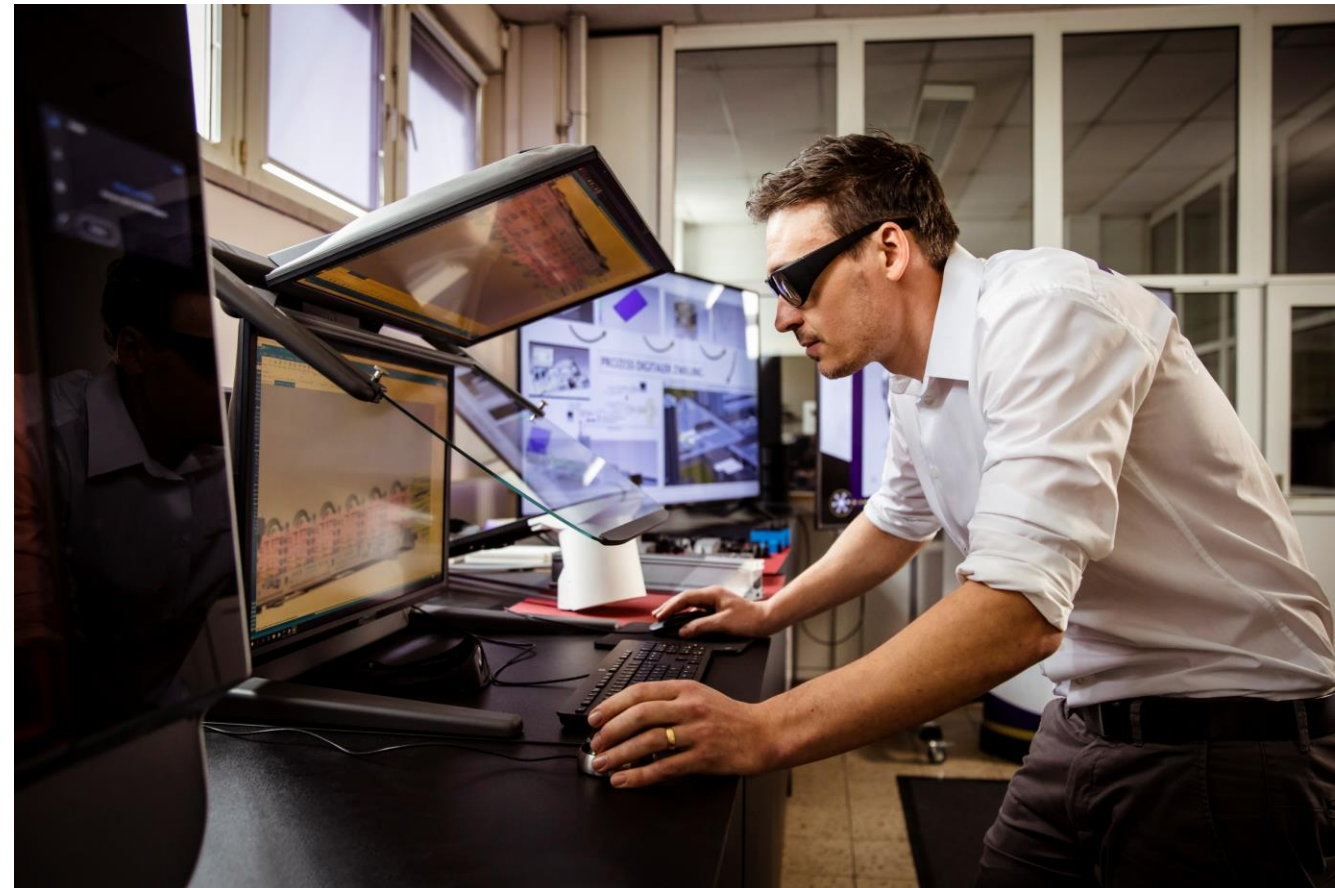
› Advanced and Multi Chambered Systems

› Energy Efficiency

› Brilliant Surface Finish

› Reinforcement

› Eco-friendly



HIGH PERFORMANCE FORMULA

KOEMMERLING uPVC compound is a result of high performance formulation developed in Germany

› PVC

› Impact modifier

› TiO₂

› Processing aids

› Filler (CaCo₃)

› Stabilizers

› 100% Lead Free



QUALITY. CONVICTION. STANDARDS

Creating the Window of the future. Our profiles are being manufactured as per DIN, BSI and EN Standards

› SKZ, Germany

› Exova, United Kingdom

› Renolit, Germany

› Bsi, United Kingdom

› ATMY, India

› ISO



QUALITY STANDARDS

S. No.	Tests	Standards	Certified Body
1	Weathering Resistance	DIN EN 513	SKZ, Germany
	Reduction in Charpy impact strength	DIN EN ISO 179-1/1fA	
	Visual assessment on grey scale	DIN EN ISO 20105-A02	
	Charpy impact strength	BS EN ISO 179	
2	Window Test (Resistance to wind load)	EN ISO 12210	Profine GmbH, Germany
	Window Test (Water tightness)	EN ISO 12208	
	Window Test (Air Permeability)	EN ISO 12207	

QUALITY STANDARDS

S. No.	Tests	Standards	Certified Body
3	Fire Test (Classification of surface spread of flame)	BS 476 Part 7	Exova Warringtonfire, United Kingdom
4	Peel strength of laminated profile	RAL GZ-716	Renolit, Germany
5	Physical Analysis Report	EN-12608	profine India
6	RoHS Analysis Report	Directives 2011/65/EU/IEC 62321, Ed. 1:2008	ATMY Lab, India
7	Physical Test Report	ASTM, DIN, ISO/EN/VDE, BS, EN, IS, ISO	ATMY Lab, India
8	Quality Management System	ISO 9001:2015	BSI, United Kingdom
9	Environmental Management System	ISO 14001:2015	BSI, United Kingdom

LEADING EDGE BREAKTHROUGHS

Designed for extreme weather conditions.
Gamut of advanced features offering various advantages

› High wind load performance

› Efficient thermal insulation

› Water tightness

› Sound insulation

› Air Tightness

› Improved Security, Durable & maintenance free

› Elegant and Customized Designs



EQUIPPED FOR SUCCESS

7 Good Reasons

- › Highly compatible systems
- › Individual solutions
- › Wide product range
- › Best quality and innovations
- › Environmentally-friendly materials
- › Excellent services
- › Comprehensive worldwide network



PROJECTS



PROJECTS. GROUP HOUSING



Mahagun Moderne, Noida



Ajnara Homes 121, Noida



Gulmohar Greens - Ghaziabad



Eden Heights, Gurgaon

PROJECTS. GROUP HOUSING



Omega, Bangalore



IREO – RISE, Mohali



Golf Link, Ludhiana



Eden Heights, Gurgaon

PROJECTS. GROUP HOUSING



My Home, Hyderabad



Aparna Sarovar Grande, Hyderabad

PROJECTS. VILLAS



PROJECTS. HOSPITALITY



The Pllazio Hotel, Gurgaon



Raintree Hotel, Chennai



Hotel Sonar Bangla - Kolkata



Hotel ITC Windsor Manor,
Bangalore

PROJECTS. HOSPITALITY



ITC Classic Bharat Green



Raintree Hotel, Chennai



Khyber Himalayan Resort, Kashmir



ITC Grand Chola, Chennai

PROJECTS. INSTITUTION



Baramulla Public School, Jammu & Kashmir



Govt. Medical Collage, Srinagar (J&K)

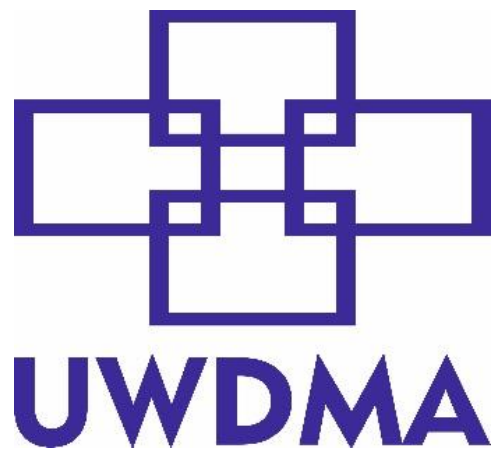


Delhi Public School, Greater Noida



Central University of Rajasthan

MEMBERSHIPS





THANK YOU FOR MAKING US
A PART OF YOUR LIFE