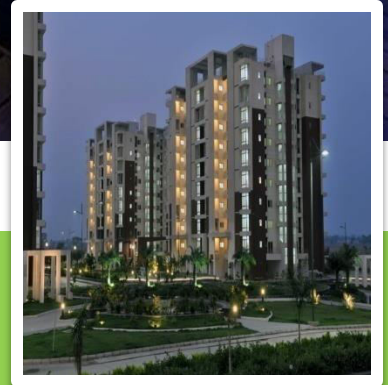




TM  
KHARKAI BUILDING SYSTEMS (P) LTD.

EXPERTISE  
SOLUTIONS



Parent company Highco Engineers Pvt. Ltd has 5 manufacturing locations out of which 4 is at Jamshedpur and 1 at Dharwad Group Established in 1970.

Kharkai Building Systems has head office at Jamshedpur, branches are at Mumbai and Bhubaneswar. We are associated with various architectural multi national companies and providing all kind of façade solution. Recently we have launched three series of aluminium windows with new brands: Impulse I, Impulse II and Impulse III. We have successfully completed many projects involving supply and installation of aluminium windows, doors, glass facades, spider glass, glass canopy, solar glazing, automatic doors, HPL cladding and anything related to external facades.

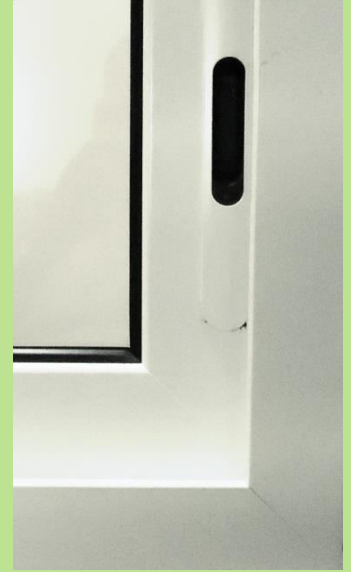


We offer a one stop solution to all requirements relating to external facades, any kind of glazing which includes semi unitised and unitised glazing, High Pressure Laminates cladding, ACP Cladding and also cater to office partitions and Glass Cubicles like Bathroom/Shower cubicles.

We have been in this business 1999 and have executed projects in Mumbai, Kolkata, Bhubaneswar, Jamshedpur, Raigarh, Ranchi, Patna and many other places.

Group Turnover of Rs. 107 Crores.

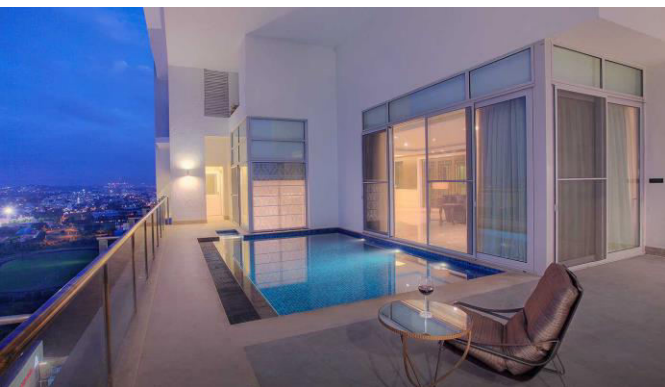




# Mission & Vision

We aim to be a national level fabricator for aluminium windows ,doors and curtain glazing systems .We aspire to be a pioneer in giving customised value for money solutions in aluminium windows and glazing systems to house owners, builders and architects.

Being the principal authorized dealers for international brands for architectural aluminium window systems and curtain glazing systems and provide cutting edge technology in innovative products suited for Indian market at a competitive price



We provide complete solutions and contracts service including Design, Engineering, Shop drawings, Fabrication and Installation of pre-glazed window and framing systems, Unitized, Semi Unitized Structure Glazing/Curtail Wall system, Aluminium/Glass Door, Partition , Sky Light, and Automatic Door.

Our products serve wide range of customers including not limited to large architectural companies, Government projects and Individuals.



# PRODUCTS AND BRANDS

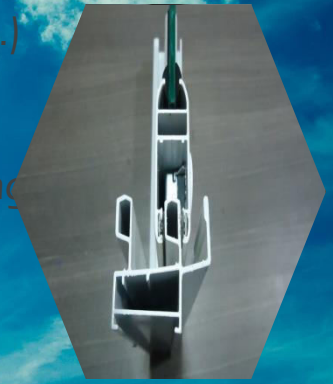
## Impulse Windows

(Kharkai Building Systems Pvt. Ltd.)

Door, Window & Framing

Sliding Windows & Doors

Curtain Wall & Structural Glazing



## Koemmerling

Door (UPVC)

Window (UPVC)

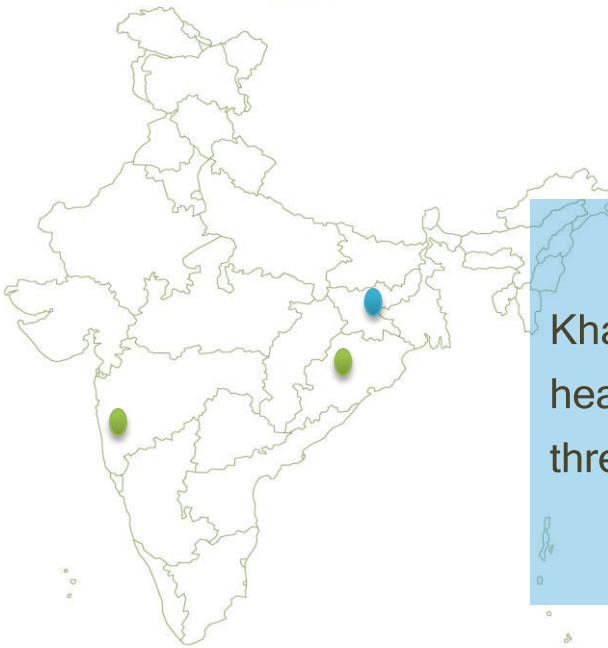
## Hydro Building Systems

Domal (Italy)

Wicona (Germany)

Technal (France)

India



Kharkai Building Systems has head office at Jamshedpur and three other branches at:

- ✓ Mumbai,
- ✓ Bhubaneswar and
- ✓ Jamshedpur



# IMPULSE

w i n d o w s



RECENTLY KHARKAI BUILDING SYSTEMS PVT. LTD. (KBSPL) HAS LAUNCHED TWO DIFFERENT SERIES OF SLIDING WINDOWS AND CASEMENT OPTIONS FOR THE RESIDENTIAL SEGMENT WHICH IS OF SUPERIOR FINISH AS WELL AS ECONOMICAL. THE SERIES ARE AS FOLLOWS :

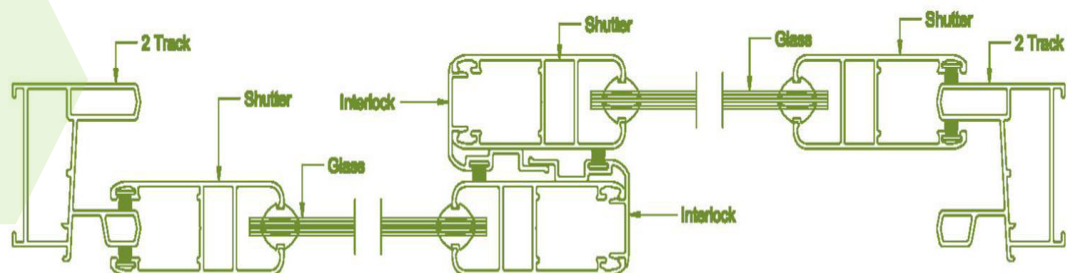


**Impulse I** : This series comes with very high quality sliding windows in 2 Track and 3 Track options with a maximum glass thickness of 6 mm. The system compliments with high quality EPDM Gaskets and double ball bearing rollers.

**Impulse II** : This series comes with an unique mosquito mesh solutions which is a part of the 2 Track window options. There is a heavy duty 2 track sliding door series with the threshold and fly mesh options which is suitable for balcony doors. We are in the process of developing the 3 Track window with additional fly mesh track options. Also available

**Impulse II without fly mesh**

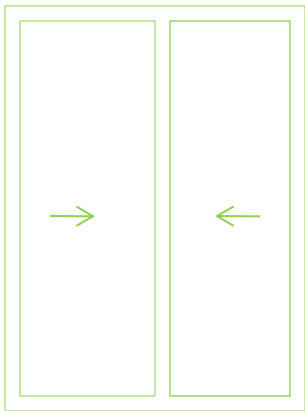
**Impulse III** : This is a single shutter casement option along with single point lock suitable for bathroom and kitchen windows.



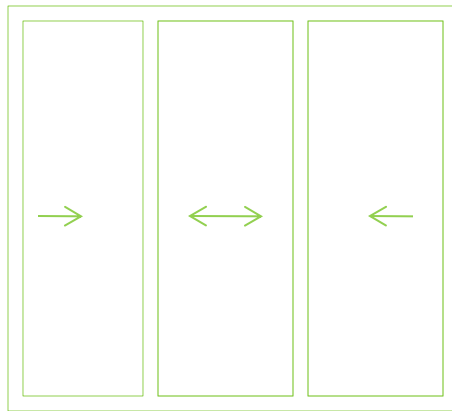


# FEATURES

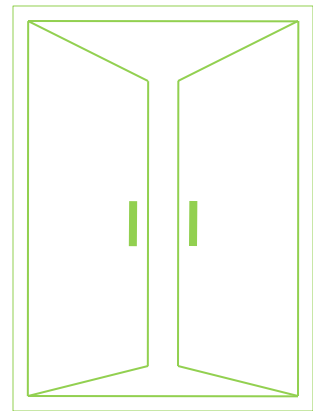
- ✓ Extremely high sound insulation
- ✓ Fire retardant, rot & maintenance free quality
- ✓ Very good thermal insulation
- ✓ Termite and corrosion resistance
- ✓ Environment friendly properties
- ✓ Resistance to driving rain and weather ability



2 track Sliding



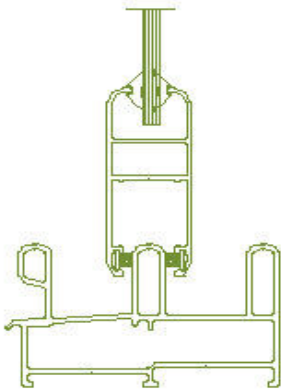
3 track Sliding



Open able window



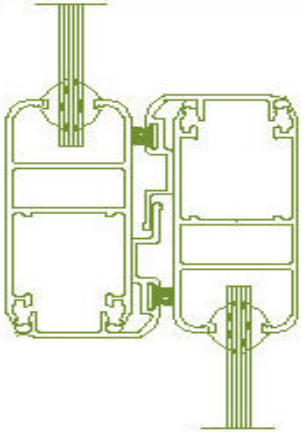
# WHY USE IMPULSE WINDOWS?



**BECAUSE:** Specially designed die cast cleats which provides excellent rigidity to corner joints.

Infill glass can be single or double glazed. Wider track with specially designed heavy duty rollers, tested for 10000 cycles for enhanced life.

Silicones EPDM gaskets for excellent air and water tightness.

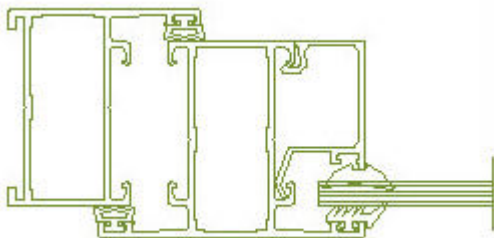


Nylon shutterpyles for protection against dust ingress.

No rattling sound due to high wind speed.

Choice of Aluminium profiles depending on structural criteria.

Counter sunk handles for profiles for better aesthetics.



Wider track and deeper gutter for water drainage and easy maintenance.

Theft guard provided against lifting of shutter from outside.

Smooth, trouble-free operation for a long time. **45°** corner joint gives strong connection and perfect look



# OUR ACHIEVEMENTS

We bagged the prestigious 3.2 million sft Vedanta Township project with a total aluminium work of 5.84 lakh sft. at Jharsuguda and have completed 5.84 lakh sft. of aluminium windows, doors and glazing work within a record span of 32 months. This work was done under the companies like JMC Projects, CCCL and Siddhartha Constructions and finally L&T who were the principal contractors for the township project.

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We executed prestigious projects like Tata Consulting Engineers ,Jamshedpur corporate office with the 1<sup>st</sup> Solar Façade of Eastern India

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Recently we have associated with Mani Group approx glazing work is 1.94 lakhs sqft in very prestigious project (Shiromani Tiromani & Manikala) in Kolkata.

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We completed the Royal Heritage Project of S. J. Developer Pvt. Ltd. with a window area of 11000 Sqft in Bhubaneswar.

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Bagged the prestigious project of Rustomjee Santacruz Commercial Building at Mumbai



# machinery

- Fully automatic head wire saw for PVC and aluminium, CNC control (Italian Make). -2 Nos
- Single head wire saw for PVC and aluminium (Italian Make)-3 Nos
- Manual copy routing machine (Italian Make)-4 Nos
- Aluminium slot milling machine (Italian Make)– 3 Nos
- Two part pump for glass pasting (Grako USA Make)– 1 Nos
- Punching machine for aluminium (HILTI Make)– 3 Nos
- Crimping machine for aluminium (Italian Make) – 1 Nos
- Hand drill machine (HILTI Make) – 10 Nos
- Hammer drill machine, Hand cutting machine, ACP routing machine (BOSS Make) – 20 Nos
- Welding machine, Laser distance measuring machine (HILTI) – 1 Nos
- Glass cutting set – 3 Nos
- Level machine (LASER, HILTI) – 1 Nos



# UP COMING PROJECTS

## RESCENT PROJECTS

Recently bagged the prestigious **Royal Lagoon project** at Bhubaneswar which is a 751 Flats project. We launched our Impulse I & II series of windows with this project. Total size of the project is 1.2 Lakh sqft of sliding windows, doors and casement windows.

We also bagged the prestigious **Tirumala Project** at Bhubaneswar. The 1<sup>st</sup> phase of 3 towers consisting of 204 Flats amounting to 35000 sft of aluminum windows and 2<sup>nd</sup> phase will be 4 towers of 300 units. In 2013 we bagged the well known **Z-1 Project** in Bhubaneswar with total 1.5 Lakh sqft of fenestration. In **Rustomjee Santacruz** Commercial Building at Mumbai and **Mayfair Heritage**, santacruz west-Mumbai, we are using series of sliding and casement windows.

**VIPUL GREENS**, Bhubaneswar : Proposed Impulse – 2 series sliding windows and doors and the sample flat has been approved with this brand

**VBHC PROJECTS**, (Bhiwadi): Sample in impulse – 2 without fly mesh options has been technically approved.

**Z ONE PROJECT**, Bhubaneswar

**LOKHANDWALA CONSTRUCTIONS**, Mumbai





# MAJOR PROJECTS

This residential towers are part of Vadanta Township, which is 8 Towers G+9 at Jharsuguda, Odisha.

Product Used

Domal-40, 3 Track 3 Shutter sliding with Mosquito Net, which is one of the Italian brand of Hydro Building Systems India Pvt. Ltd

L & T - JHARSUGUA



# MAJOR PROJECTS

TOTAL OIL INDIA PVT. LTD. - MAHAPE

The Building is the Technical Centre for Asia- Pacific of Total Oil India Pvt. Ltd. (French Oil Company) situated at Mahape, Navi Mumbai  
*Product Used*

- Wicona Semi-Unitized Structural Glazing with Ceramic Frit Glass
- Dorma Spider Fittings
- Dorma Automatic Door
- Fundermax High Pressure Laminates
- Cement Board
- Louvers





# MAJOR PROJECTS



5.84 lakhs sq. ft. of Aluminum Work in this 5 Star township done by KBSPL in record time.

Successfully completed a combined work order of Rs. 27 Crore

## Products Used

- Domal 40 Sliding Windows
- Domal 40 Louvers
- Technal Sun-shades
- Wicona Semi-Unitized Glazing
- Dorma Patch Fittings



# VEDANTA TOWNSHIP



# MAJOR PROJECTS



**TCE Consulting Engineers Limited**  
A **TATA** Enterprise



## Used products

- Windows Wall Glazing, Spider Glazing Structure Glazing, Aluminium Composite Panel, Dry Granite Cladding, Wall Cladding, Frameless Glass Partition, Aluminium Partition & Door.
- Solar façade using Solar panels of Tata Solar BP with Wicona Semi-unitised structural glazing systems.
- GRC (Glass Reinforced Concrete) dome cladding on MS back up structure.
- Perforated Screen Cladding on services area.
- Atrium skylight roofing with Poly carbonate sheet.



# TATA CONSULTING ENGINEERS CORPORATE OFFICE, JAMSHEDPUR

## MAJOR PROJECTS

Top most leading builder in Eastern Zone in India.

We have associated with 3 high storage building in Kolkata. Shiromanim, Manikala, and Tiromani.

### Products Used

- Technal Semi-Unitized Structural Glazing (France)
- Technal Curtain wall (France)
- Technal Casement Windows & Doors (France)
- Domal 40 windows & doors (Italy)
- Domal 40 Louvers (Italy)
- Dorma Patch Fittings



tir  
mani

# MANI GROUP (KOLKATA)

# MAJOR PROJECTS

Under 10 ranking business school which is situated in Bhubaneswar.

## Used products

- Domal-40, 2 Track 2 Shutter Aluminium window & Door, which is one of the Italian brand of Hydro Building Systems India Pvt. Ltd.
- Semi Unitized Structural Glazing in Wicona, which is one of the German brand of Hydro Building Systems Pvt. Ltd.



**XIM Bhubaneswar**

*Connecting Business & Society*

# XIMB BHUBANESWAR





Inspiring Designs...



Sliding Window Designs....



MUMBAI OFFICE  
1904, 17<sup>TH</sup> FLOOR, SHAH  
ARCADE-II,  
RANI SATI MARG, BESIDE  
RAHEJA TIPCO,  
MALAD (EAST), MUMBAI-  
400097

JAMSHEDPUR OFFICE  
418-419,  
4<sup>TH</sup> FLOOR,  
ASHIANA TRADE CENTER,  
ADITYAPUR,  
JAMSHEDPUR-831013  
Ph: 0657-6601027

BHUBANESWAR OFFICE  
SAI SUMAN APARTMENT,  
FLAT NO-E/3,  
4<sup>TH</sup> FLOOR, BEHIND IDEA  
OFFICE,  
PATIA,  
BHUBHANESWAR- 751024



[www.kbspl.co.in](http://www.kbspl.co.in)