

## UPVC Window SYSTEM

Authorised Dealer of :



- Upvc Windows
- Casement Windows
- Tilt and Turn Windows
- Sliding Windows
- Casement Doors
- Sliding Doors
- Folding Sliding System



## About Us

**Riddhi UPVC Windows** is authorized Dealers of Encraft is a market leader in manufacturing uPVC profiles in India. With a countrywide presence, the company provides customized solutions in windows and doors to suit the harsh climatic and environmental conditions anywhere in India. ENCRRAFT is a product brand of ENCRRAFT India Pvt. Ltd., the flagship company of the DCJ Group.

Setup in 2002, As a company today, with years of experience & With the provision of exceptional services and expertise we have received overwhelming customer responses. Our products include Upvc Windows, Casement Windows, Tilt and Turn Windows, Sliding Windows, Casement Doors, Sliding Doors, Folding Sliding System are our notable other products. With such a wide range of products and enhanced production capabilities, we have been able to build a strong loyalty amongst a vast customer base that is spread all across the nation.

We push the limits of technology to create effective and visually appealing products of the utmost quality. With an understanding of environmental preservation, we plan and execute all business activities according to the fundamental necessities. We observe the highest levels of diligent integrity in our dealings and operations.

We **Riddhi UPVC Windows** is authorized Dealers of Encraft is certified to and operate an Integrated Management System (IMS), covering ISO 9001, ISO140001 and OHSAS180001 standards ensuring that all our operations meet international standards, covering design, manufacturing, supply and service. Taking into consideration quality, style, elegance and innovation, we strive hard to stand up to the expectations of our customers at all times.

With the help of a hardworking team of dedicated professionals, state-of-the-art technology and our associates, we maintain a perfect equilibrium between energy efficiency and an easy living.



As a producer of profile, we share the responsibility of caring for the environment. We utilise lead free stabiliser in windows and doors and apply more stringent tests than the standard requires.

**ENCRRAFT Lead free compound**  
achieves excellent colour fastness results

Weathering Duration	Radiation Dose	Colour Coordinates (CIE L*a*b*)			Total Colour Difference $\Delta E^*_{ab}$
		$\Delta L^*$	$\Delta a^*$	$\Delta b^*$	
1000 h	2 GJ/m <sup>2</sup>	0.3	0.2	-1.7	1.7
2000 h	4 GJ/m <sup>2</sup>	0.5	0.2	-1.8	1.9
3000 h	6 GJ/m <sup>2</sup>	0.6	0.2	-2.0	2.1
4000 h	8 GJ/m <sup>2</sup>	0.6	0.2	-2.0	2.1
5000 h	10 GJ/m <sup>2</sup>	0.6	0.1	-1.8	1.9
6000 h	12 GJ/m <sup>2</sup>	0.7	0.2	-2.0	2.1
7000 h	14 GJ/m <sup>2</sup>	0.7	0.2	-1.8	1.9
8000 h	16 GJ/m <sup>2</sup>	0.7	0.1	-1.9	2.0
9000 h	18 GJ/m <sup>2</sup>	0.7	0.1	-1.9	2.0
10000 h	20 GJ/m <sup>2</sup>	0.7	0.1	-2.0	2.1
11000 h	22 GJ/m <sup>2</sup>	0.7	0.1	-1.8	1.9
12000 h	24 GJ/m <sup>2</sup>	0.7	0.2	-2.0	2.1
Average		0.6	0.1	-1.8	1.9

**ENCRRAFT Lead free compound Material data**

Material Properties Conforming to BS EN 12608	Reference Standard	Standard Values	ENCRRAFT Values
Flexural modules of elasticity	BS EN ISO 178	>2200 N/mm <sup>2</sup>	2492 N/mm <sup>2</sup>
Charpy Impact Strength	BS EN ISO 179-1/2	>65 = KJ/m <sup>2</sup>	av. 99.2 = KJ/m <sup>2</sup>
Vicat Softening Point	BS EN ISO 306-B	>75° C	80° C
Impact Strength after Artificial Weathering	BS EN 513	>40%	av.56%
Colour Fastness after 12000 hrs at 10 Years (Severe)	BS EN 513	$\Delta E < 5$	$\Delta E = 2.1$
Colour Fastness after 12000 hrs at 10 Years (Severe)	BS EN 513	$\Delta B < 5$	$\Delta B = 2.0$
Weldability (Compression Welding Test)	BS EN 514	>35 N/mm <sup>2</sup>	av.50 N/mm <sup>2</sup>
Tensile Impact Strength	EN ISO 8256	>600 kJ/m <sup>2</sup>	750 kJ/m <sup>2</sup>



## Casement Window Systems

### EN62 Casement

#### ► Features & Benefits

- Opening OUT
- Standard casement with 3 outer frame options (50, 62 & 74 mm)
- 62 mm frame depth
- Sash designed for multi-point perimeter locking

Note: 50/62 outer frame & 75/62 sash with full depth Euro-groove shown

#### ► Technical Details

- Max. side hung 2'4"x4'4"
- Max. top hung 4' x4' 4 to 36 mm glazing





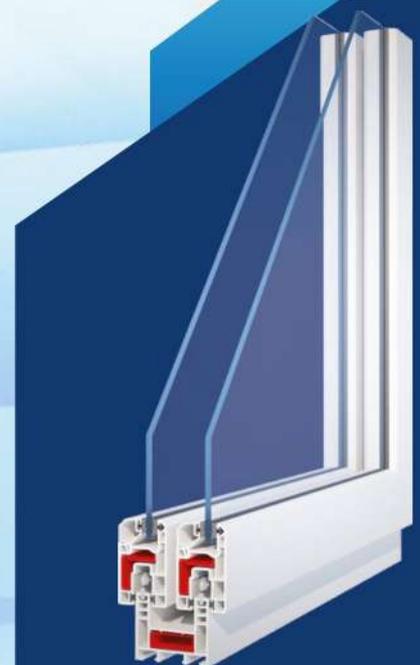
## Sliding Window Systems EN62 2-Track

### » Features & Benefits

- Sliding in-line
- Aluminium track
- Aluminium interlock to increase meeting rail rigidity
- Aluminium multi-pane adapter for 4 panel configuration
- 62 mm frame depth

### » Technical Details

- Max. frame height 6'
- Max. frame width 5' (Sizes for 2 pane @ 2500 Pa)
- Sashes can accept touch locks or espag. locking
- Max. sash weight 50 kg
- 4 to 22 mm glazing





## Twin Sash Window Systems

### EN112 Twin Sash 62/42

#### ► Features & Benefits

- Opening IN and OUT
- External sash glazed
- Internal sash with mesh or 4 to 7 mm glazing
- 30 mm reserved gap for security grill fitting
- 112 mm frame depth
- Option to choose from 3 external sash designs
- Box steel re-enforcement for structural strength

#### ► Technical Details

- Max. side hung 2'4" x 4'4" max. top hung 4' x 4'
- All sashes can utilise espagnolette locking
- 4 to 36 mm glazing option for external sash





## Sliding Window Systems EN112 3-Track - with fly-screen

### ► Features & Benefits

- Sliding in-line
- Option: glass/glass/mesh with ~50% clear opening
- 6 pane multi pane option
- Aluminium track
- Aluminium interlock to increase meeting rail rigidity
- 112 mm frame depth

### Technical Details

- • Max. frame height 6'
- Max. frame width 5' (Sizes for 2 pane @ 2500 Pa)
- Max. sash weight 50 kg
- 4 to 22 mm glazing





## Fold & Slide Systems

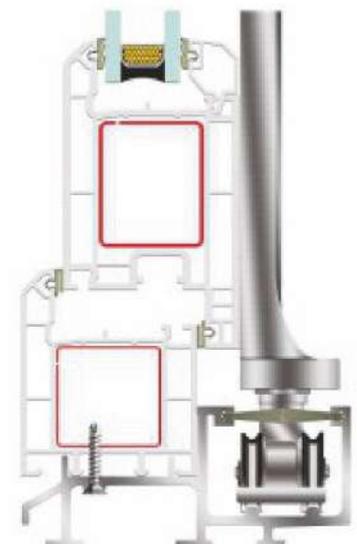
### EN62 Fold & Slide

#### ► Features & Benefits

- Opening IN or OUT
- 3, 4, 5 and 6 pane option
- Low Aluminium threshold
- Dedicated ENCRAFT top guide & bottom track to ensure perfect alignment

#### ► Technical Details

- 62 mm frame depth
- Max. frame height 8'4"
- Max. frame width 18'8"
- Max. sash width 3'1"
- Max. sash weight 80 kg
- 4 to 36 mm glazing





**Color  
Option**  
Available

Authorised Dealer of :



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Narayana Chowk, Vastral, Ahmadabad, Gujarat - 382418 (India).

📍 **Factory Address** : Servey No. 1547, Plot No. 1, Opp. Matruchaya Nivas,  
Nr. Ambe Mata Mandir, Dhamatvan-Vanch Road, Daskroi,  
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