







a customercare@dimex.com.np

Factory: Sivari O2 Dunando

Siyari-02, Rupandehi, Nepal



Head Office:

Butwal, Manigram, Rupandehi, Nepal

Branch Office:

Dhumbarahi, Kathmandu, Nepal

www.facebook.com/dimexnepal

www.instagram.com/dimexnepal

www.linkedin.com/company/dimexindustries





Durability and Exquisite in appearance and lasting!

Quality assured! The expert designers and engineers at Dimex bring you the widest range of uPVC window and door systems, more cost effective and long lasting than conventional means.





Sliding Window gives beauty essence to your home.













CERTIFICATE OF REGISTRATION

This is to certify that the Quality Management System of

DIMEX INDUSTRIES PVT. LTD.

WARD NO:- 2, SIYARI, RUPANDEHI, NEPAL

has been assessed and approved in accordance with the guidelines of

ISO 9001:2015

for the following areas.

HIGH-QUALITY UPVC WINDOW & DOOR PROFILES, USING ADVANCED TESTING EQUIPMENT, USING WORLD BEST RAW MATERIALS, HAVING A GERMAN STANDARD PRODUCTION FACILITY

Certified Location: WARD NO:- 2, SIYARI, RUPANDEHI, NEPAL

Validity of this certificate can be verified at www.bmscert.org

Q-221111001 Certificate No.



Initial Registration Date: November 11, 2022 Date of Certificate: November 11, 2022 Valid upto: November 11, 2023 Recertification Due: November 11, 2025







317, Aggarwal Modern Bazar, C-33, Lawrence Road, Delhi – 35, India Ph.: +91-9899131005, +91-9310039772, Website: www.bmscert.org, email: info@bmscert.org



a connection of reliability & trust with our uPVC







20 Years of Warranty

Global Standard

German Technology







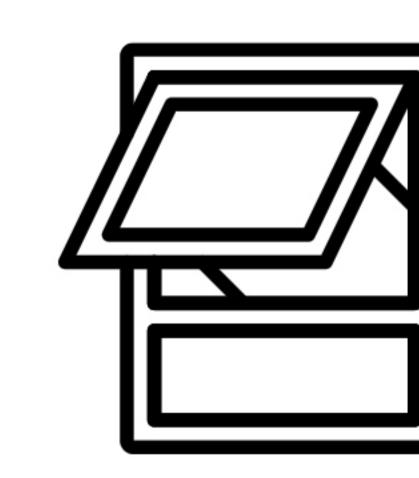
Eco-friendly



Native Product







International Designs

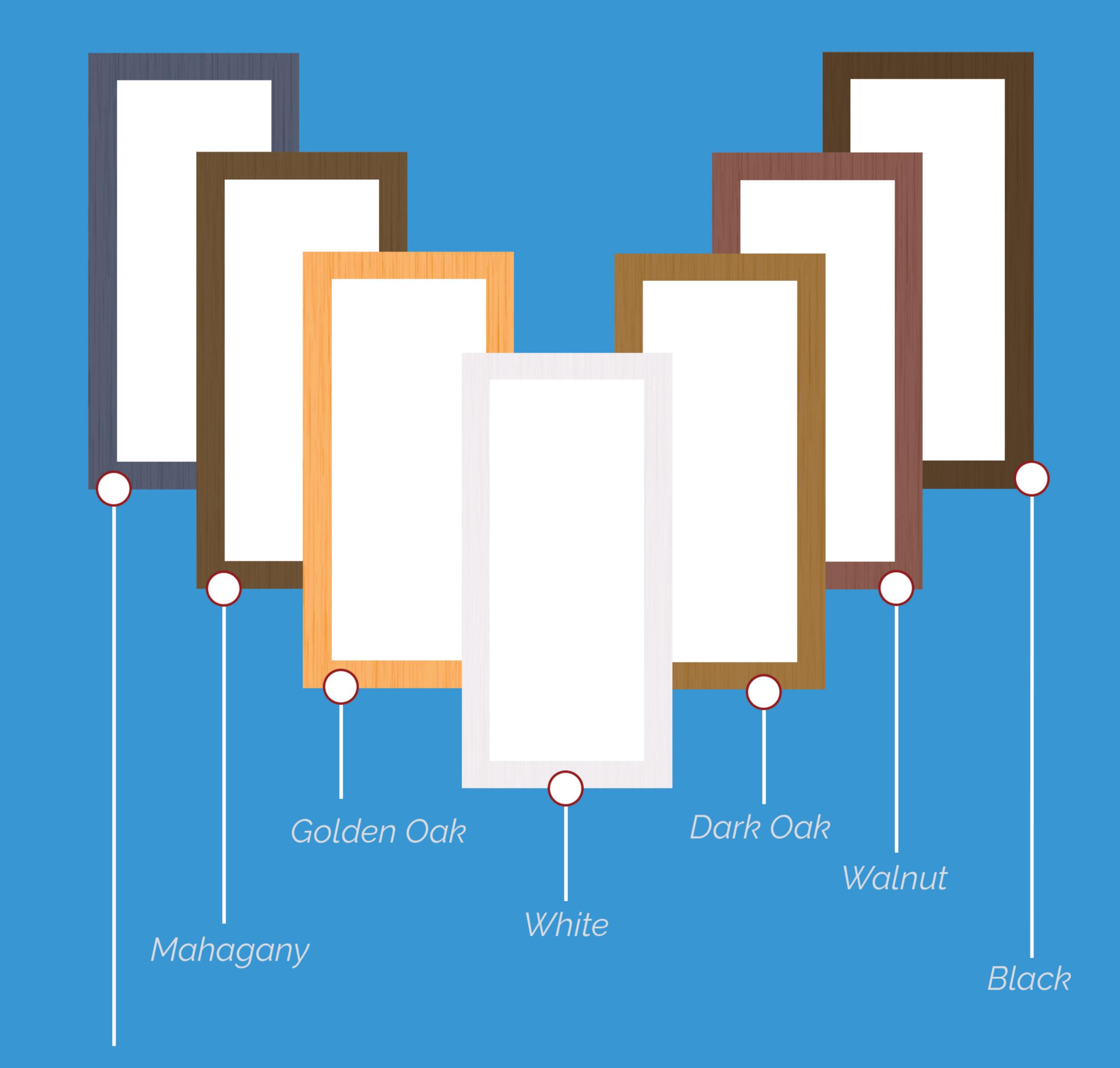


Super Rating

Introducing our cutting-edge uPVC products – redefining excellence with every detail. Discovering the epitome of excellence with our uPVC products – a perfect blend of reliability, sustainability, innovation and unrivaled customer care.







Gre





uPVC Profile Anatomy

Boons to

for Innovation & Technology



Sound Insulation

Perfect noise reduction with Dour uPVC. Enjoy the peacefullness at your home. Gap avoiding technology gives the power to keep noise at the bay.

Science at work!



Energy Saving

Our uPVC profiles conserve energy with superior insulation, reducing heat transfer and eliminating loose drafts. Enjoy all year-round comfort, lower electric costs, and embrace a sustainable lifestyle.



Prevent Dust Build

With our uPVC windows feature a smooth and non-porous surface that resists dust build-up, keeping your Windows and living spaces cleaner for longer. Their easy-to-clean nature allows for hassle-free maintenance, ensuring a sparkling appearance and a fresh atmosphere with very less effort.



Insulation against Pollution

Act as a protective shield against smoke and smell pollution, effectively insulating indoor living spaces. DIMEX has a powerful construction and tight seals create a barrier, ensuring a cleaner and hygenic atmosphere, enhancing the overall well-being and comfort of occupants.



Wind Resistant

Our uPVC windows stands excellent wind resistance, providing reliable protection against strong winds and stroms. The mechanism and secure fittings ensure they can withstand high winds pressure and adverse weather conditions, safeguarding your home and providing peace of mind during unsuitable weather.



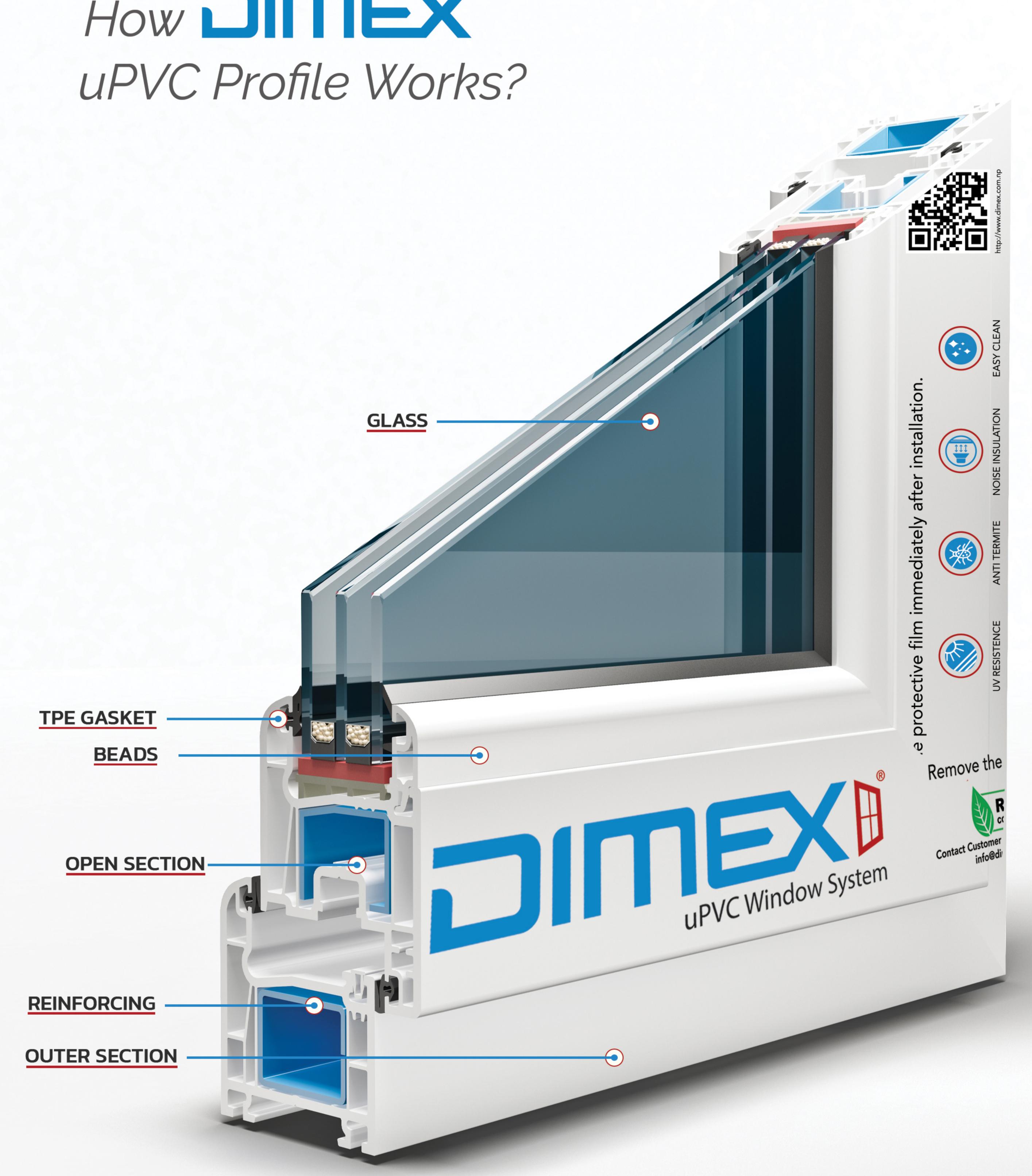
Protection from Rainwater Seepage

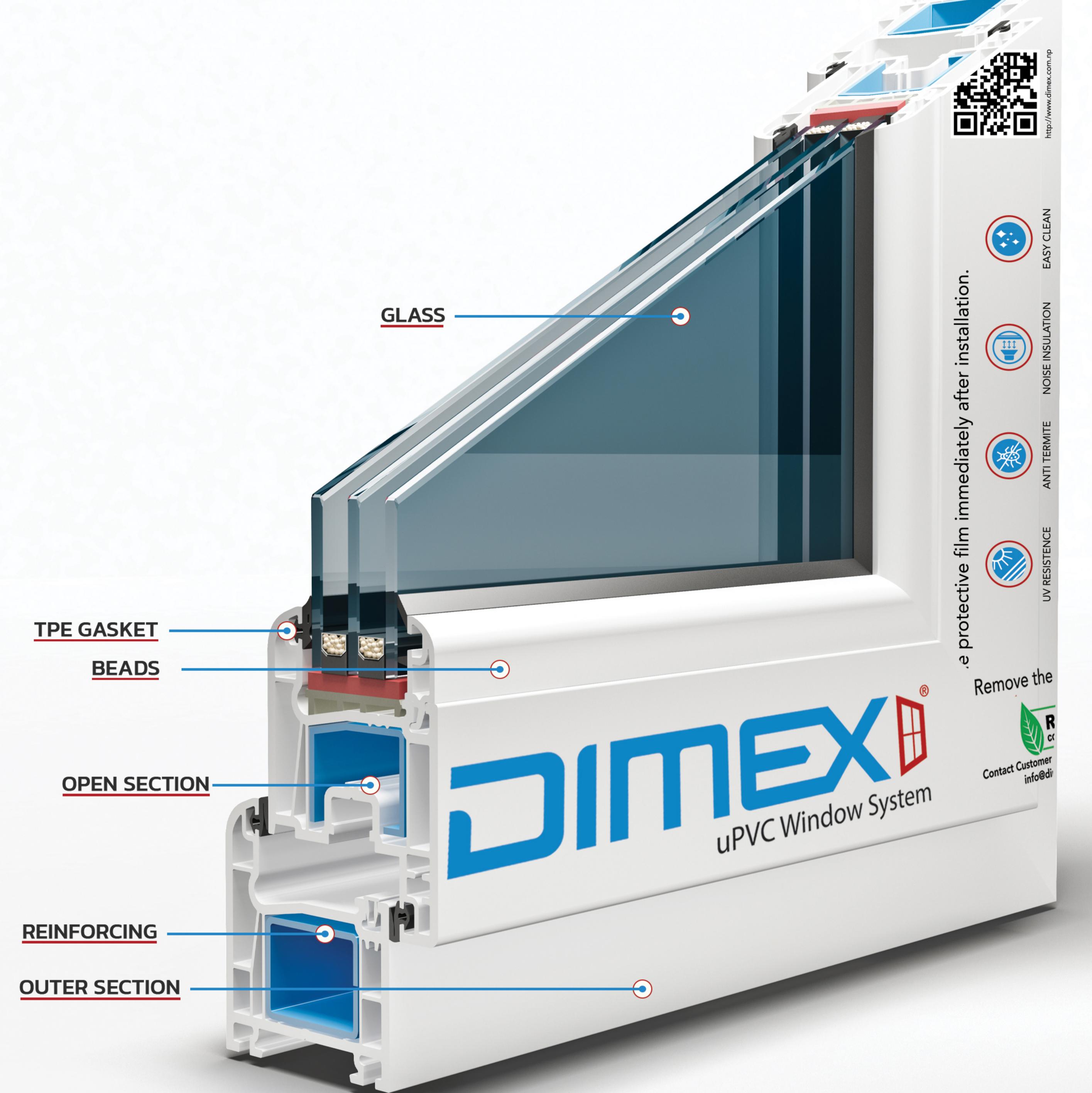
Our uPVC windows prevent rainwater seepage with their watertight design, ensuring a dry and leak-free interior. Say goodbye to water-related concerns and enjoy a worry-free living space with these reliable and efficient windows.



Cuts painting cost

Keep windows eliminate painting expenses as their durable material retains its fresh appearance year-round without the need for repainting. Enjoy long-lasting, pristine windows and saves yearly painting cost.





checked by standards, endorsed by quality



Certification obtained from prestigious laboratories in Europe and India, validating the accelerated weathering test as well as confirming the mechanical properties, composition, and formulation



Properties as per Euro - Indian Standards [EN 12608-1:2016]	Range	Result	Accrediations From
Charpy impact strength (BS EN ISO 179 -2 : 1999)	Not less than 20Kj/m²	74.7 Kj/m²	SKZ & ATMY
Vicat Softening Temperature (BS EN ISO 306 : 1997)	Not less than 75° C	80° C	SKZ & ATMY
Flexural Modulus of Elasticity (BS EN ISO178 : 2003)	Not less than 2200 Mpa	3070 Mpa	SKZ & ATMY
Tensile Impact Strength (BS EN ISO 8256 : 1997)	Not less than 600 Kj/m²	934 Kj/m²	SKZ & ATMY
Weld Strength (BS EN 514 : 2000) Individual Specimen	Not less than 20 Mpa	25.32 Mpa	SKZ & ATMY
Accelerated Weathering (DIN EN 12608-1:2016-08	Δ: E Not more than 5	1.6	SKZ & ATMY
Heat Reversion,Resistance to Impact, Behaviour after 150°C	To Comply as per EN 12608-1: 2016	Pass	SKZ & ATMY
RoHS (Directive 2011/65/EU)	Lead should not be detected	Not detected	SKZ & ATMY
Flammability (U 94)		Vo	SKZ & ATMY
Thermal Conductivity (ASTM E -1530)		0.137 W/mk	SKZ & ATMY
Density (ASTM D 792)	Not to be Exceed 1.5 g/cc	1.46 g/cc	SKZ & ATMY

International Accreditation















ability to fight against wind load



Yes! blocking the pressure of wind! Ability to stand against the opposite direction in any pressure.

Climate & Wind Load in Nepal

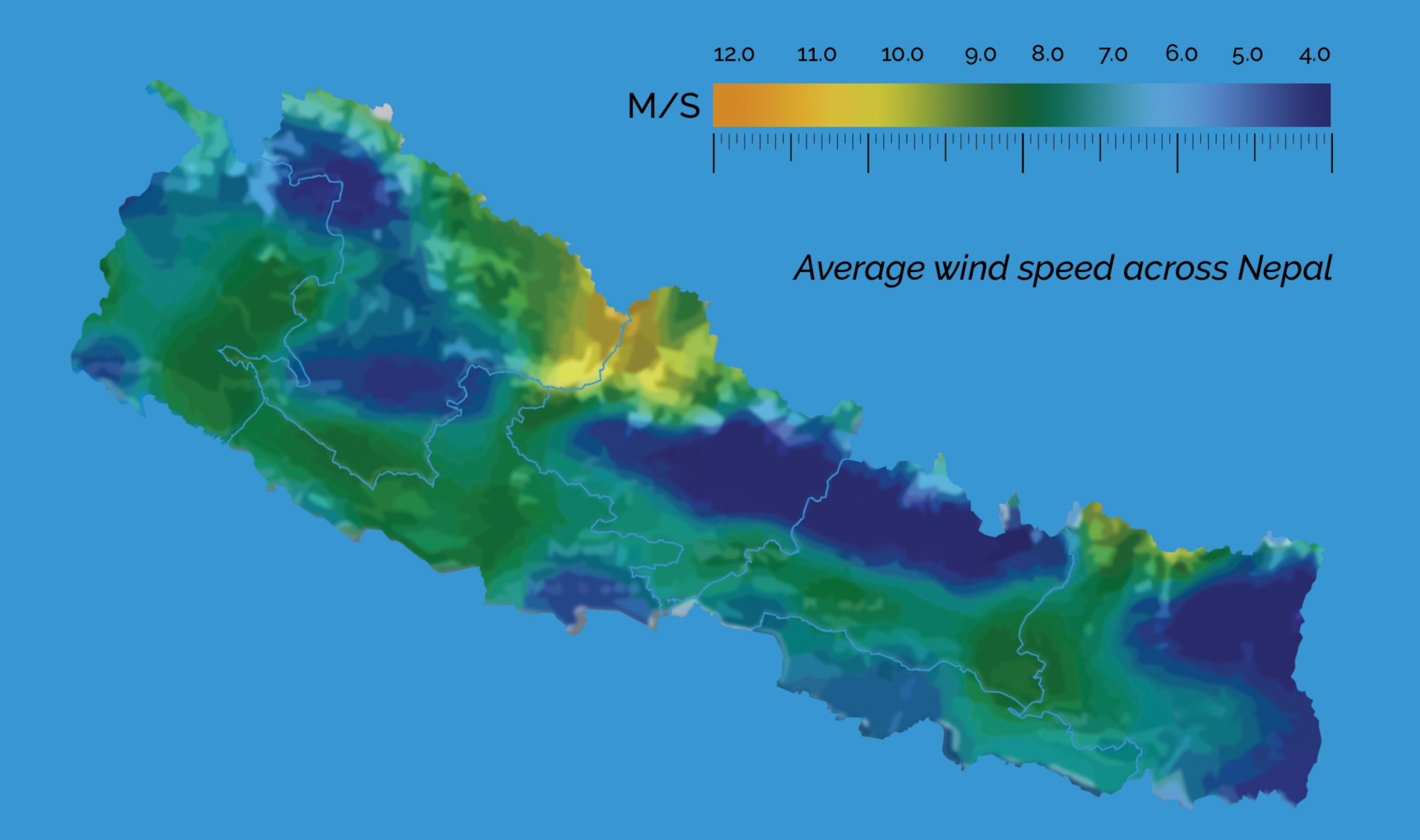
Nepal's complex topography, characterized by its steep mountains, deep valleys, and varied terrain, plays a significant role in creating localized wind patterns in different regions of the country.

Infact, our uPVC has a specific quality to meet all climatic condition to protect your home. We have gone through all artifical weather testing to make our uPVC stand against all anti favorable conditions.

Some of the factor determine wind load are as follows:

- 1. Basic wind speed as per the geographical locations.
- 2. Height of the structures.
- 3. Geometric shape of the building.
- 4. Life of glazing / structure desired.

With all these considerations in play, we engineer our uPVC profiles to provide optimal stability and longevity.



ATING Certificate Of Lab Report



		TEST F	REPORT	
R	eport No.: 2303250025			Page 2 of 4 Date: 08-04-2023
-u	IPVC Profile Test		Test Performed on : 25-	03-2023 to 07-04-2023
т	est Parameter	Unit	Result	Test Method
<u>N</u>	MECHANICAL & PHYSICAL TEST			
н	ardness	Shore A	80	ASTM D2240
Т	ensile Strength	N/mm²	48.6	ISO 527
Ε	longation at Break	%	86.2	ISO 527
Т	ensile Modulus	N/mm²	2672.0	ISO 527
F	lexural Strength	N/mm²	82.0	ISO 178
F	lexural Modulus	N/mm²	2894.0	ISO 178
С	harpy Impact Strength	Kj/m²	62.0	ISO 179-2
Iz	od Impact Strength	Kj/m²	46.1	ISO 180
٧	icat Softening Temperature (50 N)	°C	83.2	ISO 306
Т	ensile Impact Strength	Kj/m²	780.5	BS EN ISO 8256
Т	hermal Conductivity	W/mK	0.16	DIN 52612
F	lammability		Self-Extinguished (Rating V-0)	UL 94
<u>c</u>	HEMICAL TEST		(Nating V-O)	
Т	itanium Oxide (TiO2)	%	5.81	ASTM E1621
С	alcium Carbonate Content CaCo3)	%	11.68	ASTM E1621





confidently backed by 20 years warranty



Reliable UPVC with enduring durability and trusted quality warranty.

Why 20 Years Of Warranty?

Dimex UPVC profiles conform to the strength requirements of EN 12608 and EN 513 standards, successfully undergoing intensive accelerated artificial weathering tests in severe climates, equivalent to 27,000 hours @ 50 Gj/m² across the wavelength range of 350nm -850nm as per EN 12608-1:2016 guidelines.

Δb

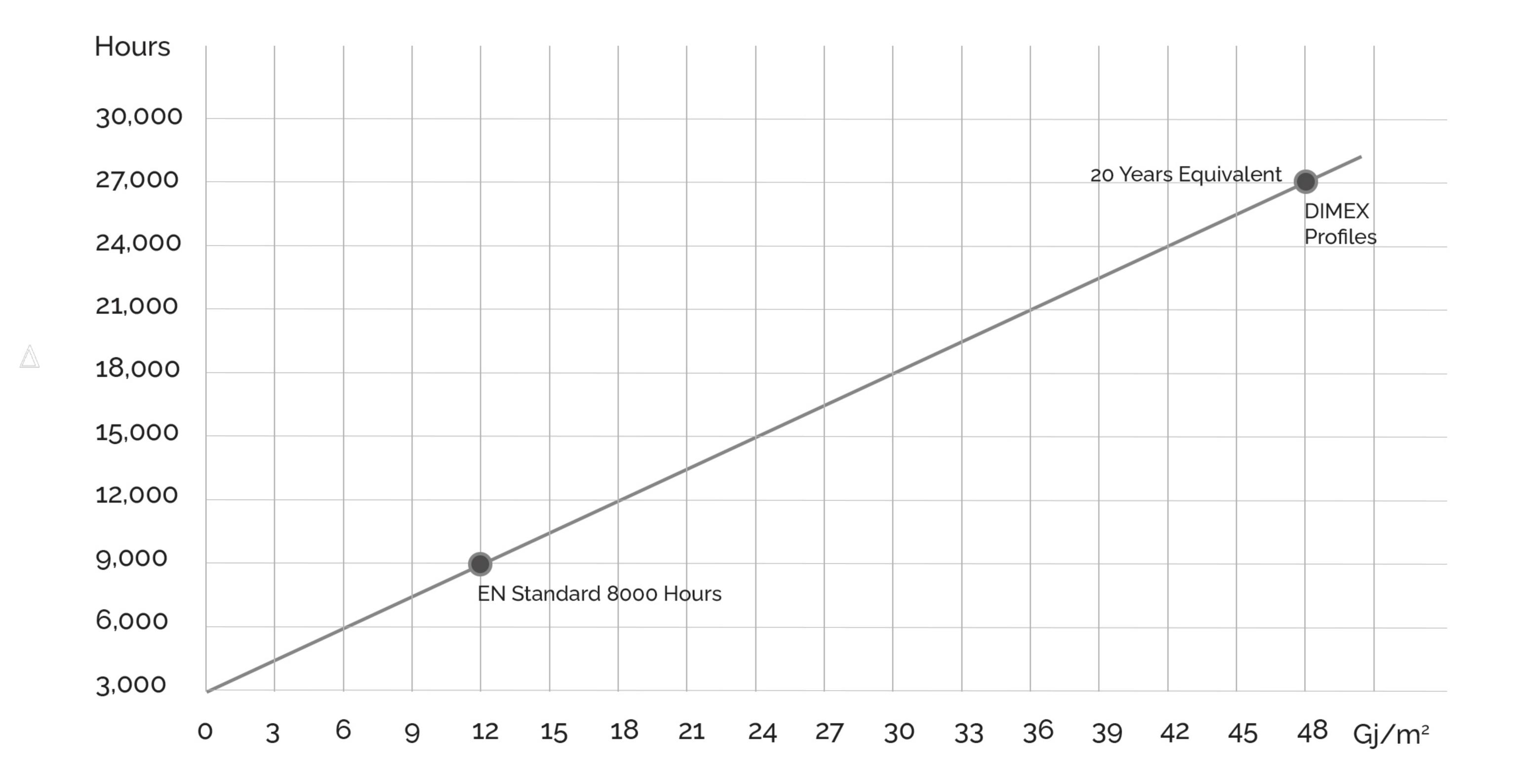
Competent: 114%

DIMEX STANDARD EUROPEAN STANDARD (EN 12608) <=5 MAXIMUM LIMIT Competent: 212%

DIMEX Weathering Competency & Duration Graph

<=3 MAXIMUM LIMIT

Wave length range 300 - 800 nm

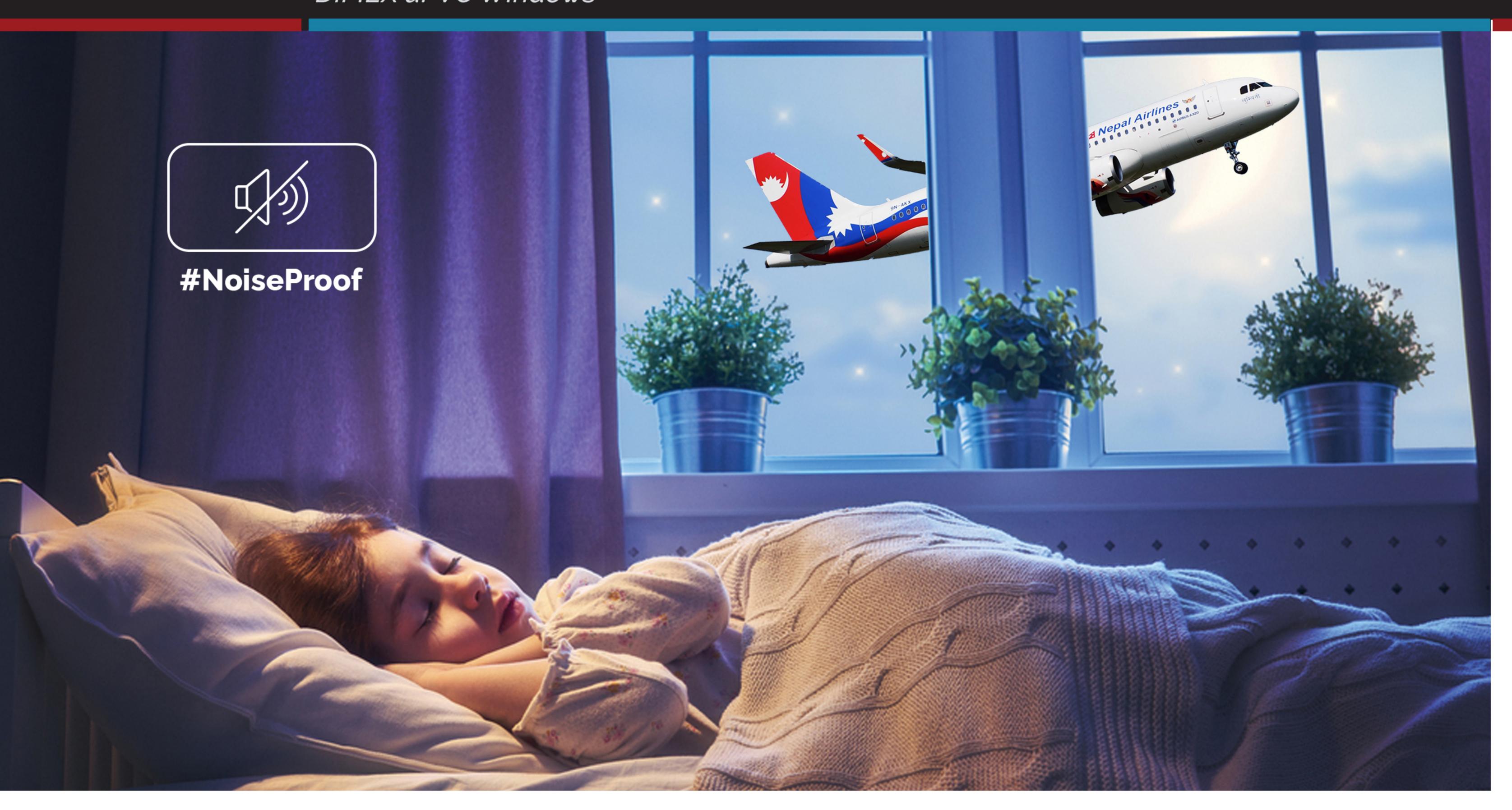


Therefore, DIMEX guarantees a 20-year warranty on color degradation by adhering to scientific test results that comply with a radiant dose of 50 Gj/m² @ 27000 hours within the wavelength range of 300 to 800 nm, using a Xenon Arc source. (I=550 W/m²) with Δ E $\, \& \, \Delta$ b less than 3

ensure unwanted noise stays out



A calm and peaceful atmosphere gives you peace in mind sleeping with DIMEX uPVC Windows

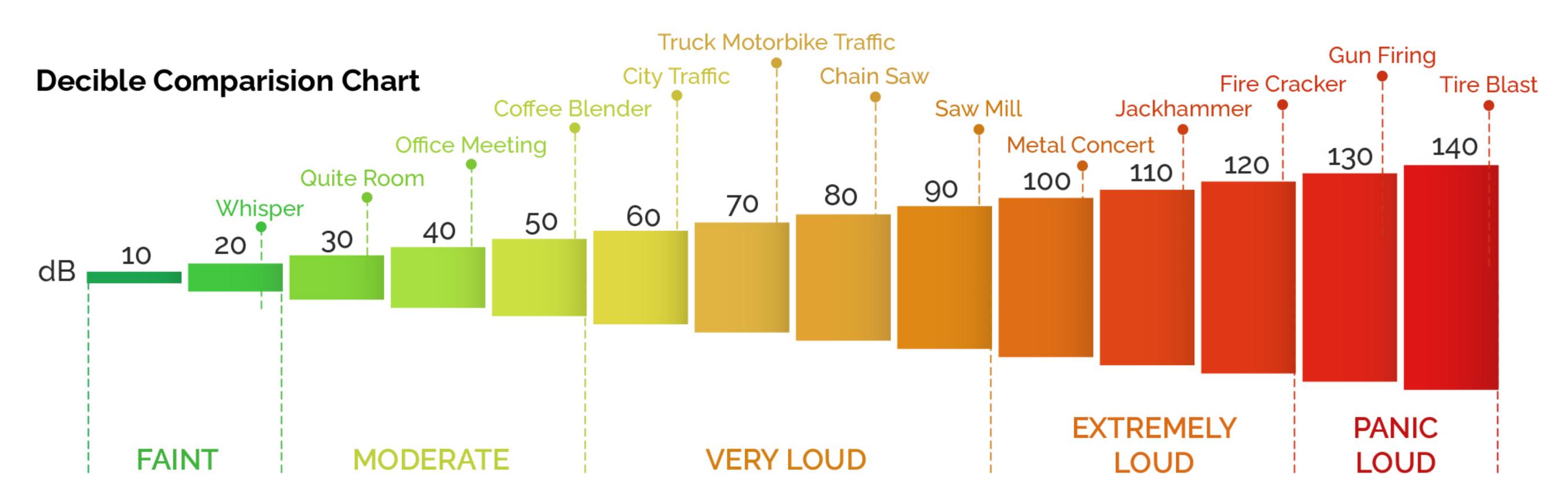


Effective Noise Insulation!

Experience a peaceful and serene environment with our exceptional DIMEX window systems. Carefully crafted to minimize the ingress and egress of sound, these windows provide an added layer of security. They are perfectly suited for individuals leading a bustling lifestyle or simply seeking a tranquil sanctuary.

The DIMEX window system is ingeniously designed to reduce sound transmission. Its multi-chambered profiles, fusion-welded joints, multipoint locking mechanism, and dual compression gaskets work seamlessly together, effectively preventing any sound infiltration. When combined with recommended glazing and hardware, the Dimex window system can insulate your indoor space from unwanted noise up to an impressive 40 dB.

Recommended Interior Noise				
Atmoshere	dB			
Library	30-40			
Bedroom	30-40			
Classroom	35-40			
Drawingroom	40-45			
Officeroom	40-45			
Open Office	45-50			



Lead Free details with data & report



Lead-free UPVC is environmentally friendly as it doesn't contribute to lead pollution.

As a manufacturer of uPVC profiles, we are committed to environmental stewardship. We prioritize sustainability by utilizing lead-free stabilizers in our uPVC window and door production. Furthermore, we subject our products to rigorous strength testing that surpasses standard guidelines. Our dedication to eco-friendliness and product quality is unwavering.

DIMEX Lead-Free compound consistently attains exceptional color fastness outcomes.

Weathering	Radiation	Color C	Total Color		
Duration	Dose	ΔL^*	Δa^*	Δb^*	Difference ΔE *ab
1000 hrs	2 Gj/m²	0.3	0.2	-1.7	1.7
2000 hrs	4 Gj/m²	0.5	0.2	-1.8	1.9
3000 hrs	6 Gj/m²	0.6	0.2	-2.0	2.1
4000 hrs	8 Gj/m²	0.6	0.2	-2.0	2.1
5000 hrs	10 Gj/m²	0.6	0.1	-1.8	1.9
6000 hrs	12 Gj/m²	0.7	0.2	-2.0	2.1
7000 hrs	14 Gj/m²	0.7	0.2	-1.8	1.9
8000 hrs	16 Gj/m²	0.7	0.1	-1.9	2.0
9000 hrs	18 Gj/m²	0.7	0.1	-1.9	2.0
10000 hrs	20 Gj/m²	0.7	0.1	-2.0	1.9
11000 hrs	22 Gj/m²	0.7	0.1	-1.8	2.1
12000 hrs	24 Gj/m²	0.7	0.2	-2.0	1.9

Pb Lead Free

DIMEX Lead-Free compound material data

		•	
Mechnical & Physical Test Parameter	Lab Test Method	Standard Values	DIMEX Values
Flexural Modules of Elasticity	BS EN ISO 178	>2200 N/MM ²	>2894 N/MM²
Charpy Impact Strength	BS EN ISO 179/2	>61 = KJ/M ²	Avg. 62 = KJ/M ²
Vicat Softening Point	BS EN ISO 306 B	>75° C	80° C
Impact Strength after Artificial Weathering	BS EN 513	>40%	Avg. 56%
Color Fastness after 12000 hrs at 10 years severe	BS EN 513	ΔE<5	∆E=2.1
Compression Welding Test	BS EN 514	>35 N/mm²	Avg. 50 N/mm²
Tensile Impact Strength	ISO 527	>600 kJ/m²	48.6 N/mm²

foreign technologies for quality & trust



uPVC Window & Door System



In pursuit of uncompromising product quality, our company has established strategic affiliations with cutting-edge foreign technologies. By partnering with the most reputable and renowned companies from across the globe, we ensure that our products are infused with the highest standards of excellence. This commitment to excellence allows us to deliver exceptional and reliable products that exceed the expectations of our valued customers.

confidently backed by 20 years warranty



Reliable UPVC with enduring durability and trusted quality warranty.

Energy Efficiency!

save electricity bill by

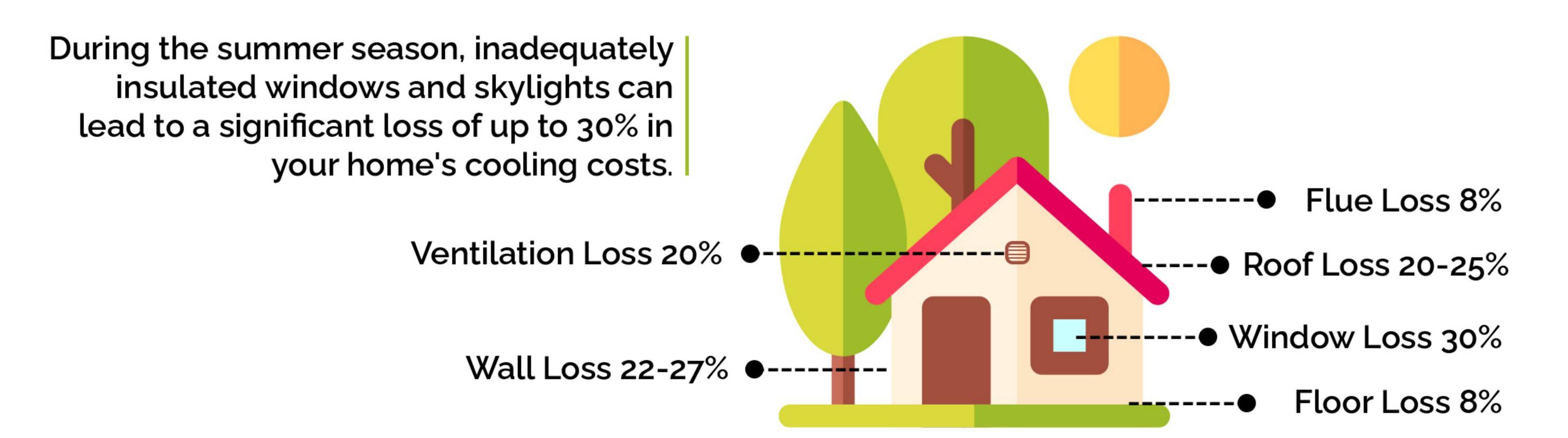


Environmental Consciousness: Save Today, Thrive Tomorrow

Energy Savings!

Windows play a crucial role in our homes, contributing to both their beauty and energy efficiency. Traditionally, windows have represented a substantial portion, approximately 15 to 20 percent, of a wall's surface area. However, their impact goes beyond aesthetics, as they significantly influence heating and cooling expenses. Inefficient windows can result in higher heat loss during winter and increased heat gain during summer, surpassing any other surface in terms of energy transfer.

At present, DIMEX has revolutionized the energy performance of windows, offering innovative solutions that enhance the efficiency of your home. With DIMEX's energy-efficient window systems, you can experience heightened comfort, substantial reductions in energy costs, and actively contribute to creating a brighter, cleaner, and healthier environment. By minimizing heat loss and heat gain, these windows help you reduce your carbon footprint and actively participate in the pursuit of a more sustainable future.



awarness in toxic chemicals Output Description O

Our uPVC are free from many Hazardous Chemicals, No Toxic -Healthy Home!

Our uPVC Window & Door are free from:

- 🚱 Lead (Pb)
- Polybrominated Biphenyls (PBB)
- Cadmium (Cd)

- Mercury (Hg)
- Hexavalent Chromium (CrVI)
- PBD Ethers
- Few others Hazardous Chemicals





French Door

Among the most favored door styles, the casement door exudes a timeless appeal that seamlessly complements contemporary settings. With its clear view to the other side, it boasts a twisted lock or handle for effortless operation, adding to its smooth functionality.

90° Corner Slider Window

In line with the elegant aesthetics of modern homes, DIMEX proudly presents the 90-degree Corner Slider system. This innovative design is perfect for enhancing the appeal of balconies and facades, providing a seamless and stylish solution for corner spaces. Elevate your living spaces with DIMEX's latest addition to their premium ranges.



Georgian Bar Window

The Georgian Bar Window in UPVC is a classic and timeless design that effortlessly combines elegance with modern functionality. Its distinctive feature is the horizontal and vertical bars, which create a grid-like pattern on the window, reminiscent of traditional Georgian architecture.

The Villas Window

A unique blend of sophistication and practicality, the Villas window made a groundbreaking debut by introducing a twin sash, bug mesh, and square grill within its system. This innovative design guarantees improved security and excellent ventilation, effectively keeping insects and flies at bay. With Villas windows, you get both style and functionality in one exceptional package.





Casement Window

A window design with a side-hinged sash on an outer frame, allowing for both inward and outward opening. This smart design ensures optimal room ventilation. Additionally, it offers advanced options of double and triple glazing, enhancing thermal and sound insulation. The window is equipped with a reliable multiple point locking system and friction stay, ensuring it remains securely open even when facing strong gusts of wind.





Tilt & Turn Window

Enhance sunlight and ventilation in your home with our Tilt & Turn windows. These innovative windows offer two opening options - a tilt function from the top with bottom hinges or a side swing function. With just a simple turn of a single handle, you can effortlessly switch between these operations.

Slide & Fold Door

A window design with a side-hinged sash on an outer frame, allowing for both inward and outward opening. This smart design ensures optimal room ventilation. Additionally, it offers advanced options of double and triple glazing, enhancing thermal and sound insulation. The window is equipped with a reliable multiple point locking system and friction stay, ensuring it remains securely open even when facing strong gusts of wind.





Sliding Door

Enhance sunlight and ventilation in your home with our Tilt & Turn windows. These innovative windows offer two opening options - a tilt function from the top with bottom hinges or a side swing function. With just a simple turn of a single handle, you can effortlessly switch between these operations.





Down the Time, your energy bills will get reduced!

It's Scientifically proved, you can save your AC bills from 25%-30%. If there is hot & humid climate then If you compare with Aluminium, See Metal is a good conductor of Heat and electricity, if there is extreme hot then the heat passes from the window.

See upvc is made with welding.
So their is no any microscopic Holes.

	DIMEX uPVC	ALUMINIUM	WOODEN	
DURABILITY	Excellent	Good	Very Good	
WATERPROOF	Excellent	Fair	Poor	
FIREPROOF	Excellent	Good	Poor	
MAINTENANCE COST	Not Required	Required	Required	
UV RESISTANCE	Excellent	Good	Poor	
ANTI-TERMITE	Excellent	Good	Poor	
NOISE INSULATION	Excellent	Poor	Fair	
EASY TO CLEAN	Easy	Easy	Not Easy	



Advantages to our valuable Customer



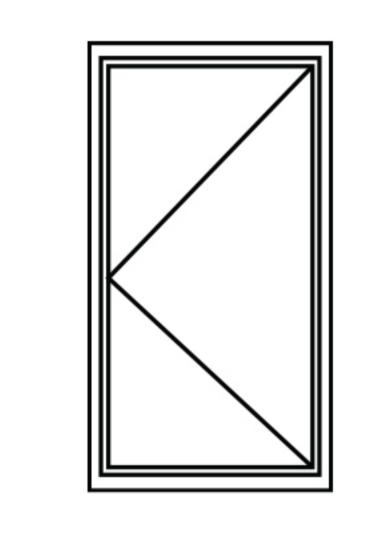
No.	Parameters		Advantages to our Customer
1	Profile Wall Thickness	2.2 to 2.5mm	Stronger profiles, Better geometry& shape.
2	Gradient Drainage	Yes	Easy& Smooth drain out No water accumulating in the profile.
3	Wind Load	3000 Pa	Suitable for both taller and wider apertures. Structurally sound.
4	Profile Shape	Multi Chambered	Large Multi Chambers, including sliders, allows perfect thermal and acoustic insulation. In time needed it can accommodate larger reinforcement to resist higher wind loads.
5	Colour Options	Yes	Choice of variety of options.
6	International Standard & Compliant	Yes	Present in more than three countries. Standards in compliance with EN12608
7	Suitable for Tropical Climate Condition	Yes	Rich dosage of TiO2 successfully performing installations in severe/harsh climatic conditions.
8	Hardware	Best in Class	Superior Quality. Fits inside Euro Groove. Safety Ensured.
9	Reinforcement Thickness	1.2 - 2.5mm	Providing strength with No Rattling and No whistling.
10	Maintenance	Low	Easy to clean. Against termites and other corrosion.
11	Coloured Windows	Foil Laminate with Renollt FX. Grade,PVR Hotmelt Technology.	20 years warranty and tested for lamination by International Institute.
12	Delivery Schedule	Local Support	Faster Delivery. Window & Door production planned with software optimization.
13	Service Reliability	International	Quick attendance to any service issues. Dedicated customer support team.
14	Technical Support	Yes	Bringing World-class experience to Nepal
15	Easy clean hinge mechanism	Friction stay mechanism	Effortless Maintenance of casement windows.
16	Max Glass Thickness	Single - 5mm to 12mm Double - upto 24mm Stronger	Noise resistance upto 25 to 40db. (70% to 55% noise reduction possible WW1 Double glazing with proper selection of glass).

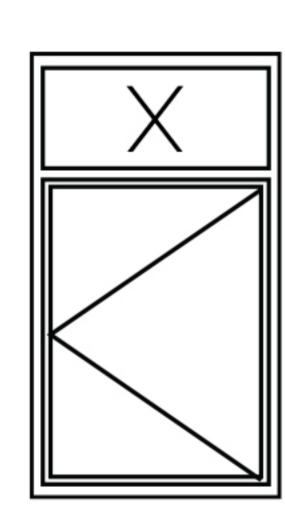


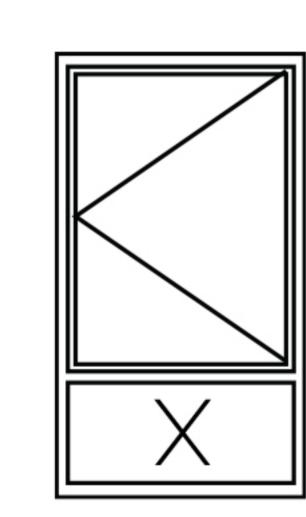


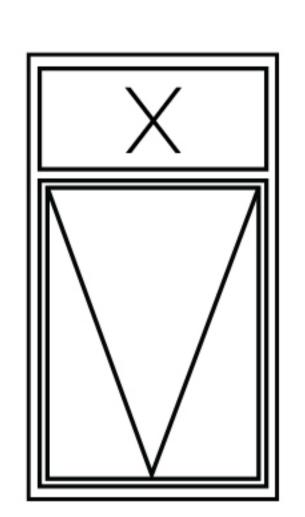
Casement Window

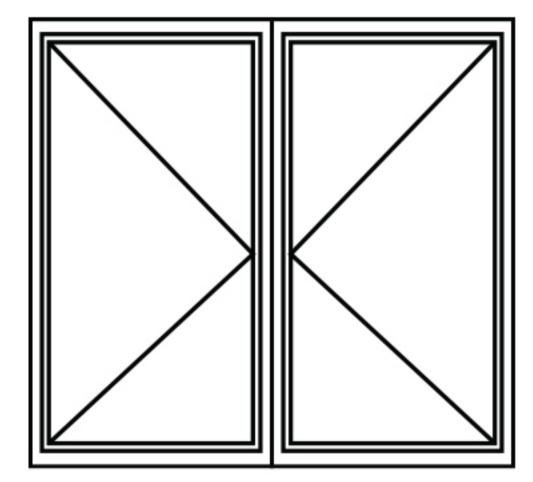
- DIMEX offers 3 systems for flexibility
- · 8 mm overlap of sashes on frames for better insulation and stability
- Can accommodate glass from 6-20 mm thick
- 20 mm rebate height for better support for the glass
- · Glazing bead for 6 mm glass is offered with co-ex gasket
- 16 mm stack height for better flexibility in hardware

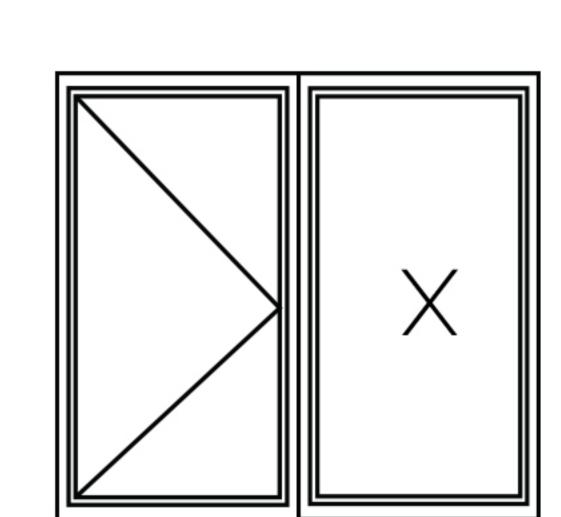


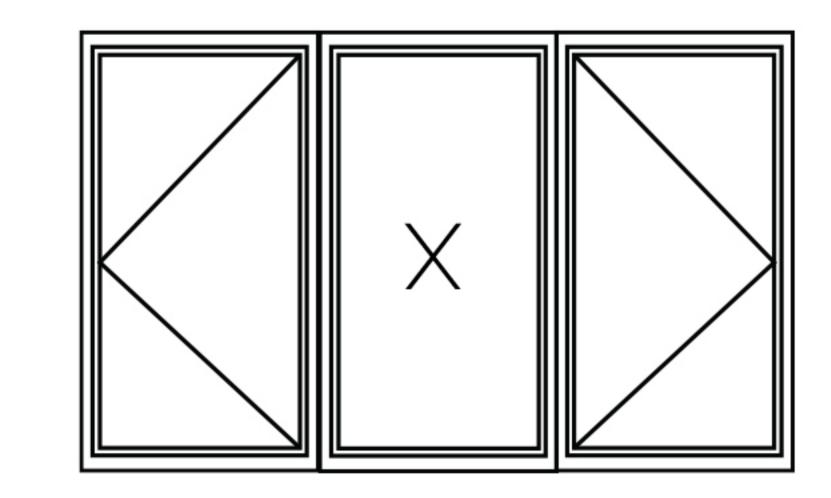










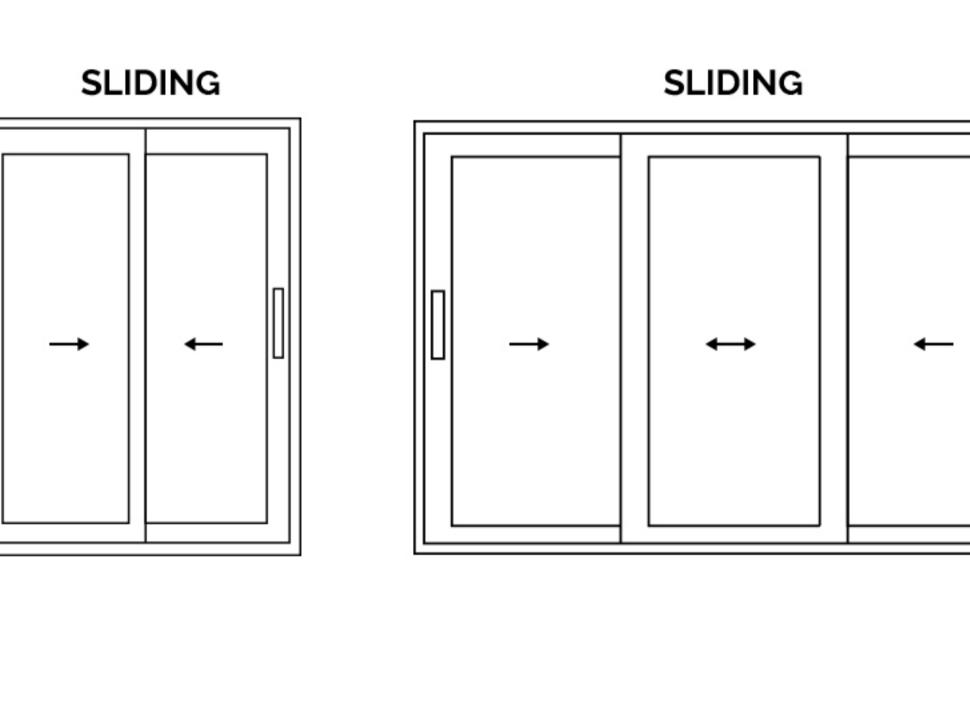


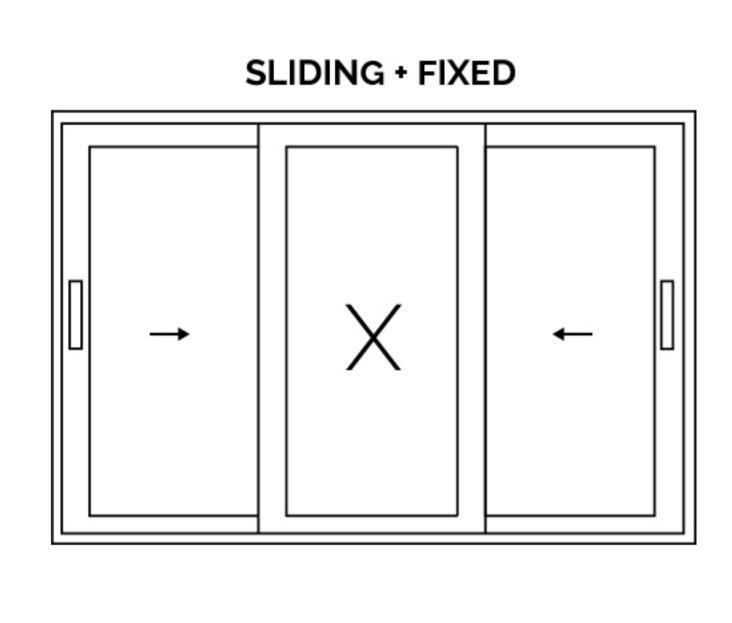


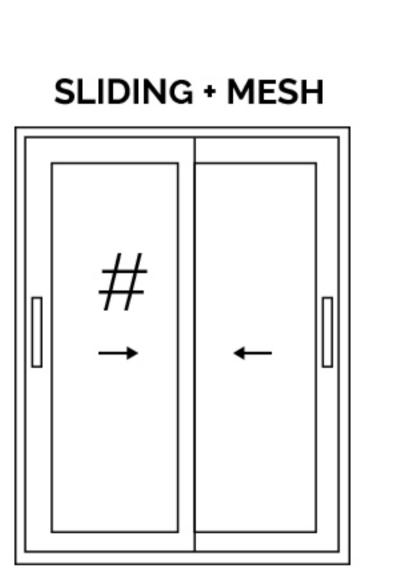


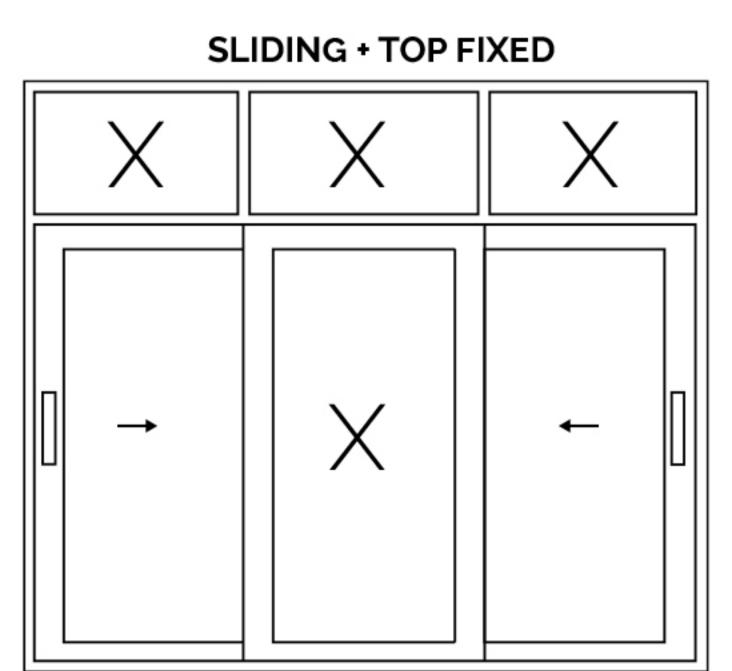
Sliding Window

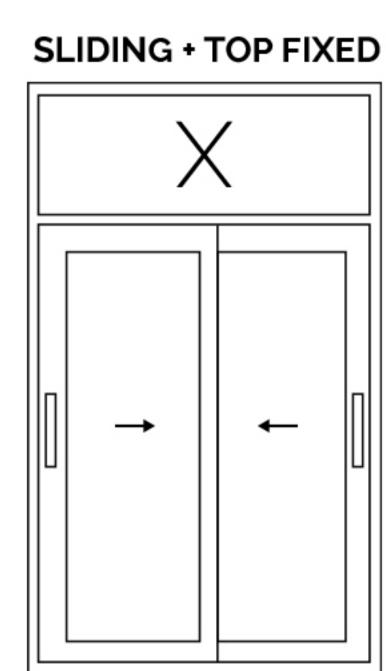
- DIMEX offers an option of 2 systems for sliding windows for better flexibitliy
- · Sliding sashes in 3 different heights give the flexibility to choose sections for a variety of window sizes
- Monorail sliding system for an economical option
- · 8 mm overlap of sashes on frames for better functioning and stability
- Offers single as well as multi-point locking mechanisms
- · Integrated fly mesh frame to keep mosquitoes out
- Can accommodate glass 6-20 mm thick
- · Glazing bead for 6 mm glass is offered with co-ex gasket
- Dedicated P-55 system for smaller size windows which is very cost effective























Quality raw materials for world-class Brands

In time with our quality policy, only the best input can given the best outputs. Thus DIMEX begins with high quality choice of materials. The most excellent grades of materials arrive from across the world.

Considering as the world's best grade for uPVC raw materials.

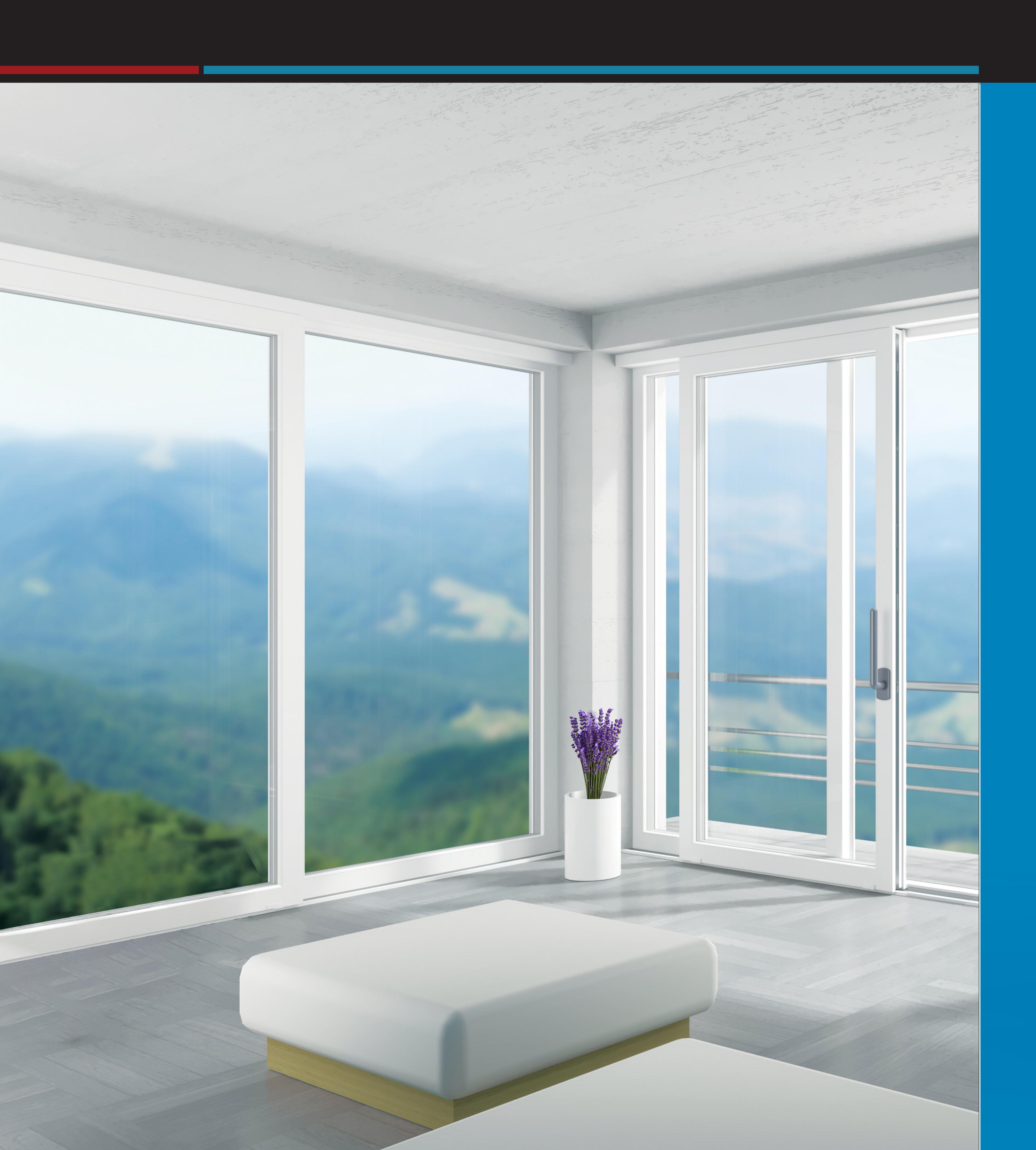
Titanium Di Oxide from USA selected for their LUV Resistance Properties deemed to be the highest and Colour Values

CaCo, - Static acid epated of the finest grades in the world with a high degree of whiteness, from reputed companies in Vietnam, To enhance the Mechanical Properties and Surface Appearance.

Impact Modifiers and Processing Aids from Japan which is renowned for the highest Impact Strength and High Gloss levels which gives the uPVC surface the finest smoothness in look and touch.

Non-Lead Stabilisers from highly reputed German Company with a combinaton of high-quality Calcium and Zinc Stearates to enhance the processability and Weather Resistance Property. And many more...





Dimex Windows won't turn Pale & Yellow as we have undergone 8000 hour Artificial Weathering Test.

Color that never Fades!





our expansion of dealership in Nepal

DIMEX has 25+ Dealers across Nepal and expanding

