

6 reasons to choose sketch



3~10°C
Cooler in summer
Warmer in winter





Sketch cut up to 90% of infrared ray and total solar rejected 64% with Sketch you are able to:

- Reduces air-conditioning usage & increases its efficiency
- · Increases comfort, especially near glass areas
- Enjoy cooler & more comfortable living environment

Sketch reduces heat loss from windows by retaining far infrared generated indoor. it enables you to:

- Retain heat indoor
- Reduce cold draft and incrase comfort
- Reduce condensation on window

2 3°C WARMER IN WINTER



3 UPTO 30% ENERGY SAVINGS



with a 3-10°C reduction in temperature, you are able to save up to 30% on your electrical consumption on a yearly basis

Sketch is formulated to block off 99% of the sun UVA and UVB to:

- Protect from skin pigmentation and skin cancer
- Keep your furniture, displays and valuable from accelerated fading and ageing.
- Keep out insects that are attracted to UV emitting from indoor lights

4 99% ULTRAVIOLET CUT



5 70% VISIBLE LIGHT TRANSMISSION



Harvest natural light and save on artificial lighting during the day with sketch. A colourless and ultra clear coating.

Only 7 Microns thin with a low haze level. sketch owes its super transparency to nanotechnology. colourless, sketch preserves your windows originality.

With a 6H hardness, sketch has a high scratch resistance, it does not peel, de-matelize or require special maintanance. It does not incinerate nor pose any toxic danger.







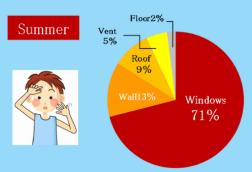
SAVE EARTH
STOP GLOBAL WARMING!!

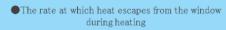


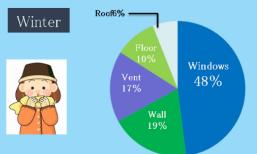
Sketch Optical Properties -

Product	Visible Light Transmission(%)	Solar Ro Trans	diation (%) Ref	Abs	UV Transmission	SHGC	Shading Coefficient
Sketch	72	39.9	5	55.1	0.33%	0.56	0.63
Clear Float	88.6	77.9	6.9	15.2	59.2	0.82	0.93









Comparision between Sketch & Films-

	Sketch	Films
Durability	No peeling & Bubbling. 10 years Warranty against peeling, bubbling & cracking of coating.	Peeling & bubbling happens in 2-5 years.
Performance	90% IR Cut ,99% UV Cut, 70%Visibility	High IR Cut will result in Low Visibility
Hardness	бН	2H- 3H
Finish	Can be applied to any size & shape seamlessly.	Joining can be seen for larger width of glass. Unable to apply on curve glass.
Application	Retrofit, Refurbishments (coating can be done existing glasses) , New Buildings	Retrofit , Refurbishments New Buildings
Thickness	6-7 Microns	0.4- 0.8 mm
Savings	High Visibility reduces usages of Artificial lighting High IR Cut reduces AC Consumption by 20-30%	Dark tinted films increases usage of Artificial Light.
Safety / Health	Eco Friendly , Fire Resistance , Thermal Resistance, No Polymer adhesives used	Not Eco Friendly due to plastic films which can be burn in fire & degraded in high temperature

SKETCH, Japan -

Sketch is the manufacturer of Nano Shield based in Japan.

It was established in 1989.

They specialize in development and manufacturing of Nano technological coating using inorganic adhesive binders.

It offers wide range of products which are Eco friendly & Sustainable.

Sketch has over 100 distributors in Japan & over 30 overseas authorized distributors. It holds 70% Market Share in Japan.

Sketch is an advanced Japanese Nano-technology based transparent liquid glass coating which insulates the glass, by effectively filtering up to 98% UV & 90% of IR rays emitted by the sun while still allowing up to 75% of the visible light to penetrate through the glass. It acts as a thermal barrier all-round the year, thus reducing up to 30% of air-conditioning, heating cost & day time lighting cost. It can effectively keep indoor environments cooler in summer and prevent heat loss in the winter all while allowing you to benefit from the natural daylight. It is a cost effective alternative to dark window film or expensive replacement window (double glazing windows) while delivering year round energy savings.

Project References -



The Ritz Carlton, Yerawada, Pune



Asilo, Westin , Pune



Apartment at YOO,Pune



Luxurious Bungalow ,Koregaon Park





Private Office



Retail Area



Pargola on Terrace



Residence, Hyde Park



Farm House, Pune



Private Office



Private Bungalow



Private Office



Skylight of a Bungalow



Castle Royale



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