



Product Information:

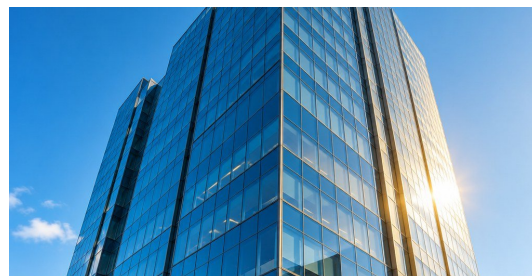
Vetro Power Heat-Shield Glass Protect

Vetro Power Heat-Shield Glass Protect is an advanced Nano-technology based transparent liquid glass coating which insulates the glass, and it can effectively filter majority of the UV & IR rays emitted by the sun while still allowing most 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 and heating cost. This thermal insulation coating is ideal for glass surfaces.

Fields of application:

High rise buildings, glass manufacturing, skylights, automotive, commercial buildings, aerospace & defence.



Why choose Heat-Shield Glass Protect

Blocks UV & IR rays while allowing visible light.

Blocks up to 99% of UV rays, up to 90% of IR rays while still allowing about 75% of sun's visible light transmittance.

Ultimate protection.

Reduces sun damage and fading by saving floorings & furnishings while providing all year round protection from heat.

Climate barrier.

Acts as an effective climate barrier glass coat which provides cooler rooms in summer.

Durability.

3H to 5H hardness makes it scratch resistant around the year and long lasting durability feature makes it an exemplary product. Recommended for inner-side application.

Energy savings & eco friendly.

Cost effective solution for sun damage & also reduces air conditioning and heating cost, thus saves energy up to 30%. Annual reduction of 5.6 kg/m² CO₂ is maintained.

Technical highlights

UV rays blocked	up to 99%
IR rays blocked	up to 90%
Visible light transmittance	about 75%
Surface hardness	3H to 5H (scratch resistant)
Energy saving	up to 30%
Base	Solvent-based
Appearance	Dark blue liquid; cured film clear with a blue hue
Durability	15+ yrs inner-side application, 7-10 yrs outdoor
Warranty	10 yrs inner-side, up to 5 yrs exterior

Application

The glass surface must be perfectly clean, dry, and free from dust, oil, grease, silicone, fingerprints, and adhesive residue. No primer required. Stir the coating gently before use. Do not shake, this introduces air bubbles. Apply by HVLP spray, microfibre applicator, or short-nap microfibre roller, single coat only. Maintain uniform wet film application. Apply away from direct sunlight and do not apply if rain is expected within 24 hours. Apply in a well-ventilated area.

Storage & shelf life

Store in original, tightly sealed containers in a cool, dry, ventilated area. Recommended storage temperature: 5°C to 30°C, away from direct sunlight and heat sources. Solvent-based, flammable liquid (flash point 54°C): keep away from open flames, sparks and ignition sources. Shelf life is 12 months from date of manufacture in original, unopened containers. Once opened, reseal tightly and use within 30 days.

Important Notice

Due to the raw material used, different visual colour changes can happen. This can appear occasionally batch-related and does not constitute a reason for complaint of the respective product.

Changes in colour in comparison to the original colour scheme can be caused by different surface structures, gloss levels, applications and influences of light. The absorbency of the surface, drying behaviour and weather influences during the application can also lead to slight colour changes on the surface. This does not constitute a reason for complaint.

Attention

Only cleaning agents that are suitable for the surface are to be used.

Containers

Available in 500 ml, 1 Litre, 5 Litre and 20 Litre packs.

Coverage: about 37 m² (400 sq ft) per litre in a single coat; 500 ml about 18.5 m², 5 Litre about 185 m², 20 Litre about 740 m². Allow 10 to 15% extra for spray or roller loss.

Warning advice: We recommend wearing suitable protective clothing. In case of contact with skin, immediately rinse off with water. Do not swallow. Avoid contact with eyes. In case of contact with the eye or mucosa, immediately rinse off with water. In the event of symptoms occurring, seek medical treatment. Keep out of reach of children!

General Advice: Do not inhale atomised spray and the liquid product. Zyx Chem Pvt. Ltd. is not liable for damages to the product, as a result of dirt entering the bottles and canisters, e.g. after opening the containers. Zyx Chem Pvt. Ltd. is also not liable for improper application of the product if the surfaces have been recoated for any reasons, without Zyx Chem Pvt. Ltd.'s prior written agreement, nor for any damage to or deterioration of the coating system arising from causes beyond the control of Zyx Chem Pvt. Ltd., including but not limited to impact, abrasion, mechanical damage, neglect, malicious damage, fire damage, pollution and abnormal weather conditions, neither for failure associated with exposure of the coatings to abrasive, chemical substances, abrasive scouring, hydrofluoric acid and highly alkaline chemicals such as bleach, potassium hydroxide and sodium hydroxide and/or if the coated surfaces have not been maintained in accordance with the supplier's recommended maintenance procedures. All information is based on today's state-of-the-art technology. As to the above-mentioned information, we do not lay a claim to completeness, these are only to be understood as possible examples for application areas. Due to a large number of surfaces and object conditions, the buyer/user is not relieved of the duty to professionally verify, in his own responsibility, that our materials are suitable for the intended purpose according to the respective object conditions. In all other respects, our general conditions of sale apply. If the new product information is issued the validity of the old version expires.



99% UV blocking



90% IR heat block



Optically clear



Energy saving



15+ year durability

VETRO POWER INDIA

Zyx Chem Pvt.Ltd.,

Third Floor, Kamer Building, 38, Cawasji Patel Street, Fort, Mumbai, Maharashtra 400001

☎ +91-887-900-9911 ✉ customercare@vetropower.com

🌐 www.vetropoweramc.com