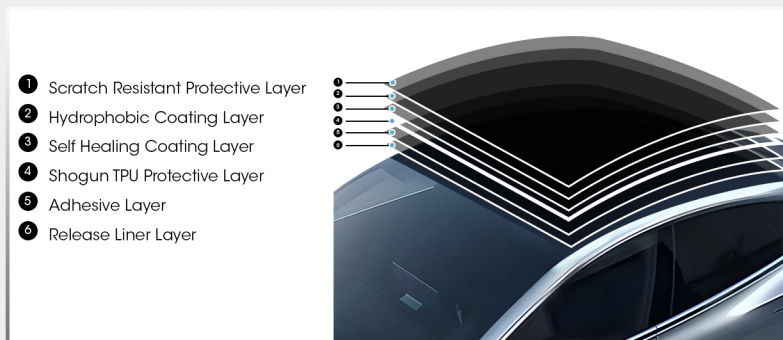


Shogun Panorama Blue Protection, is a film designed to provide the ultimate package of protection with the addition of heat rejection for vehicles panorama or sunroof while retaining the original look of the car. With a thickness of 7.5 mil, it forms a thick barrier and protects your Panorama from high flying stones and debris, while the Nano Ceramic Technology, prevents the IR rays from passing through, thus keeping the car immensely cool, in turn saving fuel, and increasing the efficiency of you Air-conditioning.

- ✓ Ultra Durable
- ✓ High Scratch resistance
- ✓ Self Healing
- ✓ 95% IRR Rejection
- ✓ Visual Clarity (67% VLT)
- ✓ Hydrophobic
- ✓ Shatter resistance



SHOGUN X8 SATIN PAINT PROTECTION FILM TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES

| | |
|--|--------------------------|
| Total thickness | 7.5 mil |
| TPU thickness (Protective, Hydro coat, Self Heal coat) | 6.5 mil |
| Visual Light Transmission | 67% |
| Adhesive Peeling Force in 24hrs | 5.9 lb./in |
| Tensile Strength | 5370 lbs/in ² |
| QUV Weather Resistance | 0.24 |
| Elongation at break point | ≥200% |
| Aging Test | No significant change |
| IRR Rejection | 95% @ 920nm to 1400nm |
| UV Rejection | 98% |
| Raw Material Source | Japan |

CHEMICAL & STAIN RESISTANCE

| | |
|------------------|------|
| Acid Resistance | Pass |
| Soap | Pass |
| Acetone | Pass |
| Vinegar | Pass |
| Oil | Pass |
| Permanent Marker | Pass |
| Tea | Pass |

IMPACT RESISTANCE

| | |
|-----------------------|---------------------------------|
| Stone Chip Resistance | Pass SAE J400 Gravelometer Test |
| Tear Strength | 100 kN/m |

WARRANTY

| | |
|------------|---------|
| Durability | 3 Years |
|------------|---------|

STORAGE CONDITIONS

- To be kept in a cool, dry and dust free place, in the original box packaging. So as to retain the shelf life.
- Shelf Temperatures ≈ 25°C at relative humidity of 50%

WARRANTY

- Panorama comes with a 3 year warranty against delamination, peeling, blistering, failure of adhesion, and other manufacturing defects.
- The Film's lifespan depends on environmental exposure, maintenance, driving conditions, storage, and installation quality.