

ImagePerfect™ 2840-105

Clear Gloss Stoneguard Premium Laminate (FR)

ImagePerfect™ 2840-105 is a self-healing, polyurethane laminate with a permanent, solvent-based adhesive system that has been specifically designed for protecting digital prints from the damaging effects of stone-chip impact.

ImagePerfect™ 2840-105 is a self-healing, flexible overlamine that is ideally suited as a protective film for printed graphics in 3D application on vehicles, preventing the damaging effects of stone-chip impact (typically in corrosion-sensitive areas of the vehicle). It can also be used to the same effect on safety helmets, hard hats, motocross bikes, snowmobiles and extreme sports equipment, including recreational vehicles. It affords high levels of adhesion at high temperatures. In addition to its high levels of resistance to impact, the product also has self-healing properties, whereby exposure to heat (via a heat gun) will repair any surface scratches that would otherwise reduce the aesthetic value of the lamination. When used on vehicles, the optical clarity of the product is such that the laminated areas will look exactly the same as the non-laminated areas - i.e. there will be no visible colour difference. However, it will not present optical clarity when used on glass or other transparent surfaces. As a 100% PVC-free product, it will also present a “greener” laminate solution for end-users who are looking to add environmentally-friendly credibility to their output than would otherwise be presented with more standard PVC laminate options. Please note that IP 2840-105 is not suitable for application to apolar, low-energy substrates (including polypropylene and polyethylene) and, because of the overall thickness of the print media/laminate construction, applications to compound curves and/or corrugations and/or applications over rivets are not recommended.

| Specifications | |
|------------------------|----------------------------------|
| Description | PU stoneguard laminate |
| Colour | Clear gloss |
| Thickness | 150mym |
| Weight | N/A |
| Adhesive | Solvent based acrylic, permanent |
| Adhesive Strength | 10N/25mm (Finat TM 1/24h) |
| Release Paper | Polyester, 75mym |
| Temperature Range | -20°C to +140°C |
| Durability (unprinted) | 5 years |
| Flame Retardancy | B1 |
| Shelf Life | 2 years, 20°C / 50% humidity |

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For more information about ImagePerfect please visit www.imageperfect.com

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