

ImagePerfect™ 2558 MultiGrip is a white semi-gloss vinyl that has been specifically engineered to adhere to challenging surfaces, including brick, concrete, stone and LSE (low surface energy) substrates, on which more conventional adhesive systems will not bond. It has been specially created for digital printing on large-format inkjet printers and is suitable for printing with eco solvent and solvent inks as well as UV-cured and latex inks.

IP 2558

ImagePerfect™ 2558 MultiGrip has been specifically engineered to adhere to challenging flat and textured substrates on which more conventional adhesive systems will find it difficult to bond. This will include brick walls, concrete walls, stone walls, stucco tiling, construction machinery and equipment with a hammertone finish, as well as LSE (low surface energy) substrates such as hard plastics, polyamide (for instance, in ice hockey stadiums), water-based car paints, surf boards, motocross bikes, quad bikes, powder-coated metal substrates, etc. Typical applications will take place at no less than 5°C (otherwise any moisture present will potentially inhibit the adhesive bond), but IP 2558 also performs well in cold temperature environments and can be applied at temperatures as low as 0°C. In such cases, additional process security for the applied graphics can be achieved by the appropriate post heating (to warm the product). IP 2558 promotes high levels of print quality with remarkable text definition and a large colour gamut to ensure colourful images with vibrant area infills. It is equipped with a backing paper that offers excellent lay flat properties. Laminate: IP 2810-101, IP 2810-200 or IP 2810-300 for flat surfaces but no lamination necessary (or available) for textured surfaces such as brick. Attention: Please make sure the printed IP 2558 is completely dry before laminating and/or application. If the printed IP 2558 is not completely dry before laminating, it can negatively affect the adhesive performance. If the printed IP 2558 is not completely dry before application, it can show very high shrinkage and edge curling. Before the IP 2558 is applied, the surface should be completely cleaned so that it is free of dust, dirt and other debris. On "hard to stick to" surfaces, we would recommend a test to confirm that the product will bond before full application takes place. Applications onto structured surfaces will require heat (until the film is soft).

Specifications	
DESCRIPTION	Polymeric vinyl
COLOUR	White semi-gloss
THICKNESS	90µ
WEIGHT	N/A
ADHESIVE	Solvent based acrylic, permanent
ADHESIVE STRENGTH	31.9N / 25mm (Finat TM 1/24h) (16N / 25mm on LSE)
RELEASE PAPER	PE-coated silicone paper, 140g/m²
TEMPERATURE RANGE	-30°C to +120°C
APPLICATION TEMPERATURE	Minimum of 0°C but will require additional heat. Otherwise, no less than 5°C
DURABILITY (UNPRINTED)	7 years
FLAME RETARDANCY	B1
SHELF LIFE	2 years, 20°C / 50% humidity
RECOMMENDATION	For optimum quality, please ensure that the media feed adjustment has been completed for this material

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Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information. They are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material for its specific use, not least with regard to possible application-related influences. All technical data are subject to change.

The durability expectation is based on mid European exposure conditions. The actual performance life will depend on substrate preparation, exposure conditions and the maintenance of the applied product. For instance, exterior performance will typically decrease in the case of installations facing south, in areas of extended exposure to high temperatures (such as southern European countries), in industrially polluted areas or in areas of high altitude. Also, for horizontal applications, exterior performance will typically be impacted.

In the event of improper use and/or incorrect processing that does not comply with our instructions, any liability is excluded, including that for follow-up costs.

Digital: The print media should be completely dry before further processing, such as cutting, laminating, varnishing or application, or the residual solvents could otherwise change the specific features of the product. To ensure the best possible outcome, the match-component ImagePerfect™ profile should be used with the relevant ImagePerfect™ print media.