ImagePerfect™ Clear Coat 2-C
(2 Component Version)

Water-Based Varnish

Clear Coat 2-C version is a very flexible, water-based varnish with a UV filter. This product is ideal for laminating banners, vinyl, and textiles with a closed structure. In contrast with solvent-based varnish, this unique solvent-free varnish will not damage the graphic or the printed substrate. ImagePerfect™ Clear Coat 2-C will provide extra protection against abrasion and will lengthen the durability of the printed graphic by up to 5 years.

Specifications	
DILUTION	Water
APPLICATION METHOD	ImagePerfect™ roller or spray gun
STORAGE	Dry, cool and dark (not under 10°C)
SHELF LIFE	6 months at 20°C / 50% humidity (well sealed with original lid)
TOXICITY	Non toxic
PREPARATION	• Open the packaging and mix with an electric power drill (using the special mixing rod) • Poor the quantity of varnish needed into a measuring cup • Add the curing agent and mix again • Leave the mixture for 20-25 minutes to allow for the chemical reaction to take place • Dilute with 5-10% water (start with less water and add more if needed) • Mix everything with an electric power drill (using the special mixing rod) • Measure the viscosity using the Din-4 immersion cup (fill the Din-4 immersion cup with varnish). The time needed for the Din-4 immersion cup to empty is 35 seconds • Add water if time exceeds 35 seconds or add varnish if time is less than 35 seconds • The varnish is now ready for use
APPLICATION WITH ROLLER	• Clean the roller under flowing water in order to rinse out the loose fibres that are present in a new roller (even when the roller is not new, we would recommend rinsing it before use) • Shake out the excess water (if the roller is too wet, it can impact the viscosity of the varnish) • Roll the roller through the varnish • Press out the excess and start applying • Always roll from bottom to top or from left to right; do not cut across as this might influence the end result • When the drying process has started you can no longer go over the graphic as this will change the appearance and cannot be repaired
APPLICATION WITH SPRAY GUN	• We recommend using a spray gun with a high volume, low pressure needle mouth • Set up the needle mouth to obtain an elongated spray (not a round spray) • Hold the spray gun approximately 10cm from the graphic and spray from left to right (or from right to left) • When starting the next line, always make sure to overlap with the previous line
RECOMMENDATION	• Leave the graphic to dry for 72 hours on a flat surface and in a dust-free area before further processing • We recommend cleaning the graphic before varnishing with a Crystal Wiping Cloth (MSW4000) as this will clean and remove dust without harming the printed graphic • Always apply the varnish on a horizontal, flat, rigid surface • Be sure to apply enough varnish; the water will evaporate and only a small percentage of fixed substances will remain on the graphic. The thickness of the applied varnish impacts both the flexibility and also the UV resistance; the thicker the coating the less flexibility, but the higher the UV resistance! • Work quickly and precisely to obtain a good end result • Always clean the preparation and application tools with water ASAP after varnishing • When there are dried up remains on the tools, we would recommend the use of alcohol for cleaning purposes • When using an application tape, use a low-tack application tape • Never clean IP clear coated media with alcohol (all 2-component, water-based clear coats, regardless of brand, are sensitive to alcohol) • Always rewind and store IP clear coated banners when they are completely dry • Use the Spandex recommended tools for a good end result

Distributed by Spandex. www.spandex.com

Spandex UK, 1600 Park Avenue, Aztec West, Almondsbury, Bristol BS32 4UA
Tel. +44 (0)1454 616 444, Fax +44 (0)1454 616 777, www.spandex.com

ImagePerfect DIGITAL