FUSION FIX GP

Key Features

- Easy to use
- Temporary spray adhesive
- Compatible with all resins
- 20 minute tack time
- Doesn't effect laminate strength

Product Description

FusionFix™ GP is a high performance spray adhesive designed specifically for temporary positioning of fibre reinforcements, core materials, fixings and bagging consumables during resin infusion and other composites laminating processes.

Unlike conventional spray adhesives, FusionFix™ GP has been developed to be compatible with all resin systems including epoxy, vinylester and polyester resin systems. Even in the case of over-application, FusionFix™ GP will not reduce the interlaminar shear strength of composite laminates.

Recommended Uses

FusionFix has been developed specifically for the temporary fixing of fibres reinforcements patches and core product of any material, as well as environmental products, during the laying up stage of the Resin Infusion process.

FusionFix has been tested and found to be compatible with a wide range of resin systems, including our own IN2 Epoxy Infusion and IP2 Polyester Infusion resins, however you should always conduct your own tests to ensure compatibility.

IMPORTANT: Although a very light application of FusionFix GP is almost undetectable, the product is NOT intended for use as a spray adhesive for unpainted, natural finish cosmetic carbon fibre parts. It is NOT completely transparent and will be visible when used to hold reinforcement directly onto a mould surface.

How to Use

Thoroughly shake the can before use. After use, clean the nozzle through by turning the can upside down and spraying briefly. Apply sparingly, ensuring that you use the least adhesive necessary. Be particularly sparing when spraying directly onto the mould surface to position visible surface layers of reinforcement; a light misting from a distance of 30cm should be sufficient.

For positioning of heavier reinforcements and core materials the adhesive can be applied to one or both surfaces at a coverage of around 30g/m². The adhesive remains tacky for up to 20 minutes but is most tacky after around 2 minutes once the solvent carrier evaporates. Before clear-coating or painting parts, use alcohol/acetone to remove adhesive traces from the surface of the parts.

Transport and Storage

Should be stored away from direct sunlight in dry ambient conditions of between 10°C (50°F) and 50°C (122°F).

When stored correctly, the adhesive has a shelf-life of 24 months.

Disclaimer