

TUSKBOND

Composite Range





#TUSKBOND

Professional spray adhesives for **Plug Build** and **Infusion.**



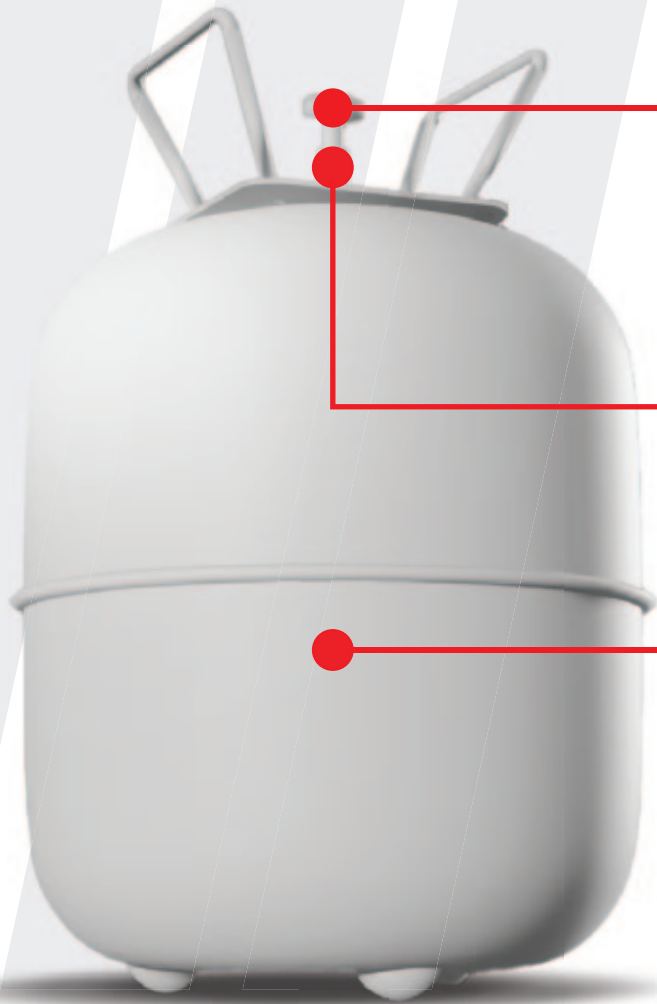
Tuskbond has worked closely within the Composite market in recent years to develop a range of cutting-edge adhesives, perfectly attuned to the needs of the customer. Based on years of development, we offer adhesives for a wide range of materials and types of infusion processes.

The unique quality of our products is that we develop **and manufacture our own adhesives for the full** composite range, allowing us complete control over the performance and quality.

Our products have been used successfully in this market for years and in areas as diverse as marine, aerospace and energy sectors.

How it Works

When the spray adhesive canister was first conceived, its very essence was to make a once laborious and time-consuming task simple. This essence remains true - simply connect the gun and hose to the canister, release the valve and spray!



Canister Valve

This valve is used to control the flow of adhesive out of the canister. Once opened, the pressurised system propels outwards. **It is vital that the gun¹ and hose² are securely connected before opening the pressure release valve.**

Hose Connection Point

The point where the canister and hose meet to create a safe and secure connection.

Canister Contents

A mixture of carefully formulated ingredients to create an adhesive designed to meet specification, coupled with pressurised propellant gas.



¹Spray Gun



²Rubber Hose

Setup: Tips & Advice

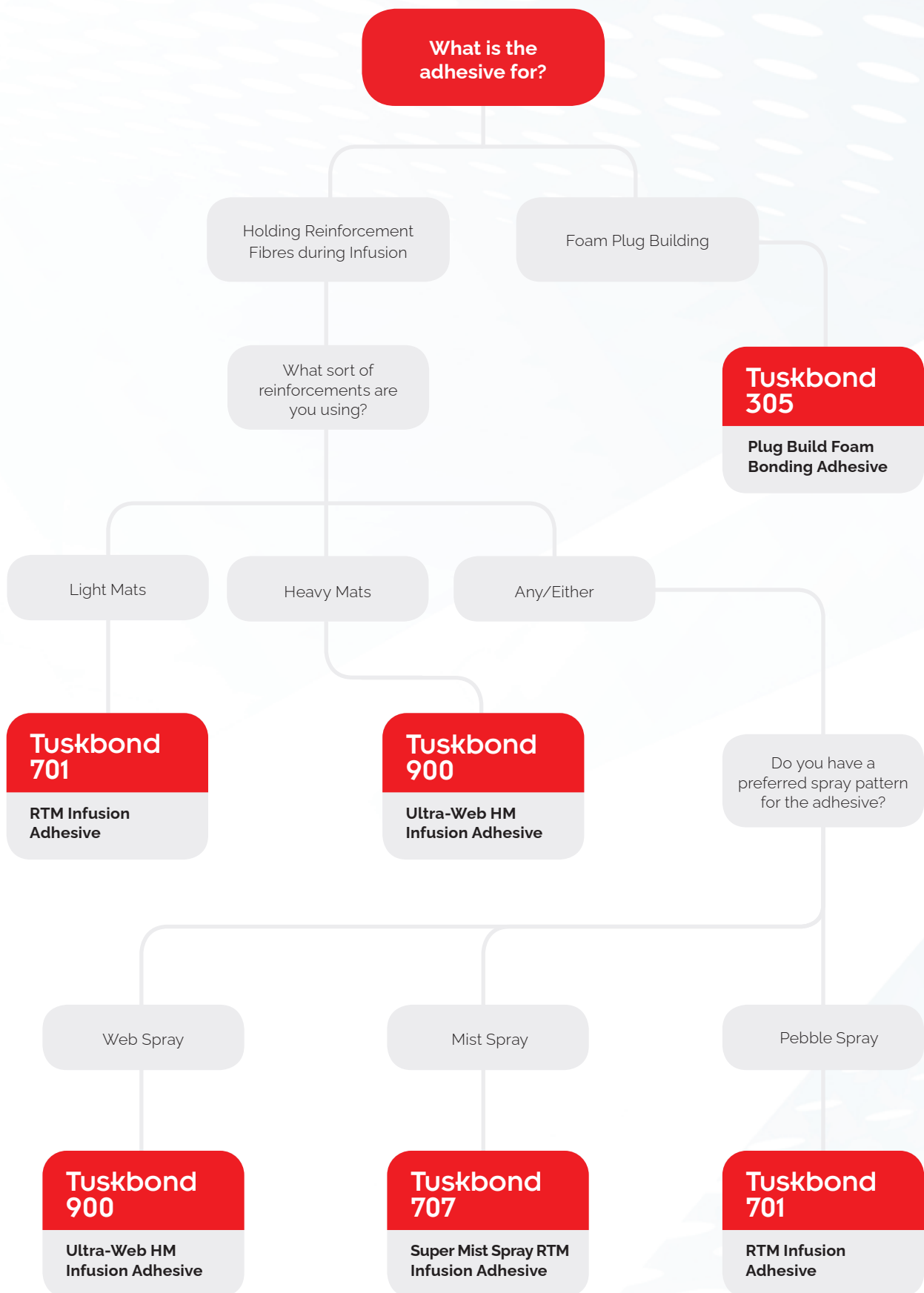
Tuskbond canister spray equipment is hard wearing and designed to last. With regular maintenance and cleaning, the gun and hose can be used over and over again. Taking a few easy steps can help prevent blockages and keep your canisters working.

Tuskbond Spray Guns have a brass spray tip that helps give the product the perfect spray pattern. Be sure to regularly clear the tip of adhesive, particularly after use. This will prevent build-up of adhesive, which can restrict the spray and result in blockages or poor spray patterns.

Once you have finished using your canister, do not turn it off at the main tap (this can cause the adhesive to solidify and block the hose). Instead, lock off the gun using the trigger restrictor. If the canister is going to be left for longer than a few days without use, consider buying a Canister Cleaning Kit. The kit is designed to flush the gun and hose assembly with cleaning solvent, allowing both to be removed without risking blockages.

For more information on this, visit our YouTube channel.

Product Selector



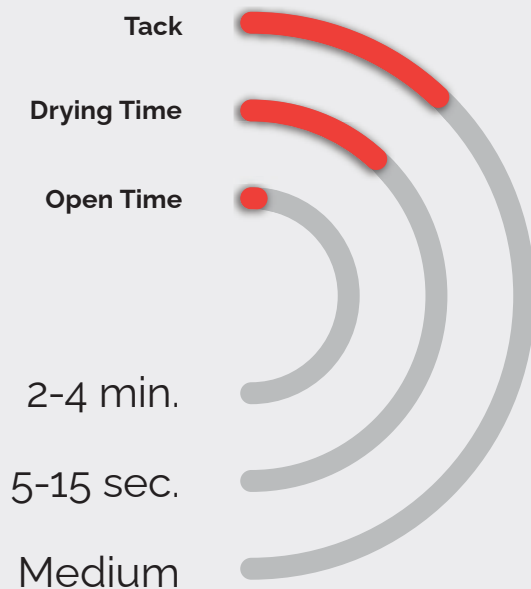
Infusion 701

RTM Infusion Adhesive

Tuskbond Infusion 701 is a specially developed spray adhesive designed to hold reinforcing fibres in place during the infusion process of Resin Transfer Moulding. The super fast drying time ensure that layers can be built up with minimal time spent waiting for adhesive to dry. **701's** unique pebble spray technology covers areas fast and provides a flat bonding surface in seconds.

- **Super fast drying**
- **Perfect for lightweight materials**
- **Specialised pebble spray pattern**
- **Coats the bonding area fast**

Technical Info



Developed for:



Light Mats



FRP/GRP

Coverage:



440m²



8m²

Infusion 900

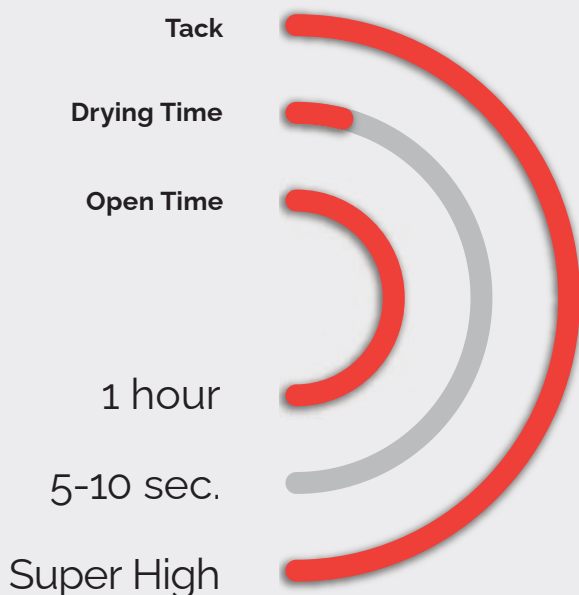
Ultra-Web HM Infusion Adhesive

Tuskbond Infusion 900 is a super tacky spray adhesive developed for holding heavy and thick mats in place during resin infusion processes. The product is extremely tacky and maintains its tack for long periods of time, making the product perfect for larger areas or deep crevices in the mould.

Tuskbond 900 has a web spray pattern which provides a cross linking effect over the fibres of the reinforcement.

- **Web spray**
- **Ultra fast drying**
- **Extremely long open time**
- **Super high tack**
- **Suitable for large area applications**

Technical Info



Developed for:



Heavy Mats



Thick Fabric



FRP/GRP

Coverage:



540m²



10m²

Infusion 707

Super Mist Spray RTM Infusion Adhesive

Tuskbond Infusion 707 is a mist spray adhesive developed to hold reinforcement fibres in place during RTM applications. The specially developed mist spray pattern provides a soft, non dimpling glue line that is perfect for areas that need to maintain a smooth, aesthetic finish. The product is fast drying and won't soak into fibres, it also maintains its tack which allows reinforcements to be repositioned if needed.

- **Re-positionable**
- **Non-dimpling, soft glue line**
- **Low soak in**
- **Allows resin to reach maximum tensile shear strength**

Technical Info



Developed for:



Light Mats



Heavy Mats



FRP/GRP



Carbon Fibre

Coverage:



440m²



10m²

Infusion 201

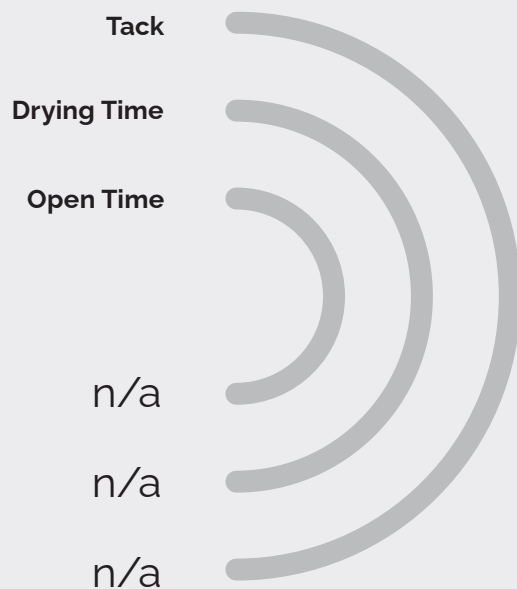
Solvent Cleaner

Tuskbond Infusion 201 is a sprayable, solvent based cleaner that is perfect for removing any potential adhesive overspray. The product is quick drying and doesn't leave any residue behind.

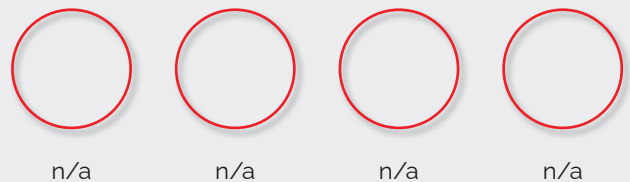
- **Sprayable solvent cleaner**
- **Perfect for cleaning adhesive overspray**
- **Residue free**



Technical Info



Developed for:



Coverage:

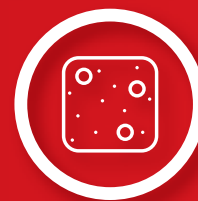




Developed for:



Timber



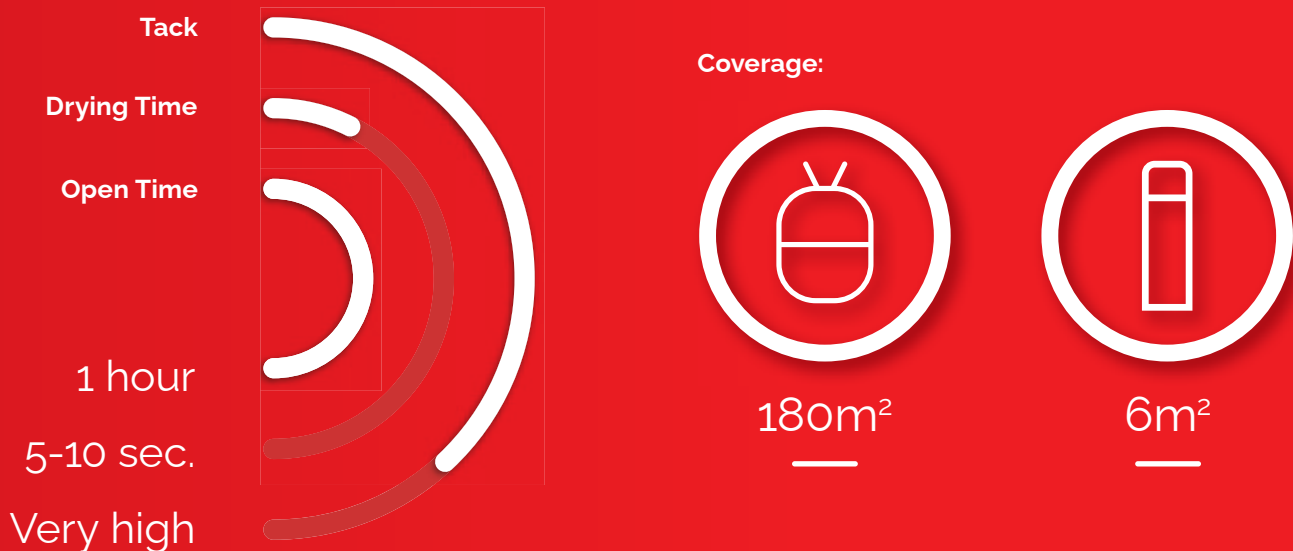
Foam

INFUSION

305 Plug Build Foam Bonding Adhesive

Tuskbond Infusion 305 is a sprayable adhesive developed for bonding foam to itself and to timber during the construction of foam plugs. The adhesive is quick to apply and fast drying so plugs can be built quickly. The adhesive is very tacky and can be used as a one or two way stick depending on the strength of bond required.

- **Polystyrene compatible**
- **Fast drying**
- **Perfect for plug building**
- **Can also be used to bond plugs to a subdeck**



Using **Tuskbond 305**

1. Plan the shape of your plug on paper or using CAD software and cut the foam into the required shapes.
2. Using **Tuskbond 305** Foam Bonding Adhesive, bond the pieces of foam together to form the shape of the plug.
3. Once the adhesive has cured, sand down the foam to shape the plug.
4. Apply a suitable body filler to the plug, try and keep it as smooth as possible. If possible, leave one area free of filler to give the plug somewhere to be secured later.
5. Sand down the plug to remove any high areas.
6. To make the next step easier, bond the plug to a piece of timber or polypropylene. Using **Tuskbond 305** as a one-way bond will make it easier to remove the plug later.
7. Apply a suitable pattern coat primer to the plug, ensuring a full drip free coverage. Once cured, sand down the pattern coat removing any high spots and even out low areas. If the sanding breaks through the pattern coat to the layers below, fill in with some body filler and re-sand.
8. Apply a second coat of pattern coat and again sand down. Later, apply a third coat of pattern coat primer and once cured, continue to sand lowering the grit of the sandpaper until a good, smooth, satin finish is achieved.
9. For high end applications, a gloss primer can be added and polished as a final step to give a shiny, gloss finish to the plug.

TUSBOND

www.tusbond.uk

Tusbond Adhesive Products
c/o Sanglier Limited

Shelley Close
Lowmoor Business Park
Kirkby in Ashfield
NG17 7JZ
United Kingdom

01623722661

info@tusbond.co.uk