



The Glue People

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Web Tack

Self contained sprayable adhesive.

General Description

Web Tack is a self contained sprayable contact adhesive. It is a multi-purpose product that will bond a wide range of substrates. It has excellent grab and a long open time. It is CFC free and has a very low odour. Webtack is delivered through a hose and spray gun system, which makes applications clean and efficient. After use the gun is locked off and the system remains ready for immediate re-use.

Uses

Web Tack will bond a wide variety of substrates including wood, metals, rubber, fabric, most plastics, cardboards, polythene and concrete as well as decorative laminates. It can also be used to bond expanded polystyrene when forming a bond to a different substrate. In this instance; the product should be used as a one-way stick and only applied to the opposite substrate (do not spray directly onto expanded polystyrene.). Web Tack is ideal for permanent bonds that require good initial bond strength. It provides good temperature resistance and if protected from contamination has an open time of several hours.

Substrate Preparation

All surfaces should be clean, dry and free from dust, grease and any other contaminants liable to impair adhesion. Surfaces should be conditioned before assembling. This is particularly important with laminates. 48 hours at 20°C with a relative humidity of 45-55%. Air should be allowed to circulate freely around the components.

Application

Connect the hose to the canister and the spray gun to the hose and tighten all the connections. Open the valve on the canister. The valve should remain open until the canister is depleted. Use the locking nut on the gun after each use. Turning off the valve before the canister is empty may result in adhesive drying inside the hose and causing blockages.

Hold the spray gun at 90° to the substrate and apply a uniform generous coat of adhesive ensuring 80-100% coverage. Move the gun in parallel to the substrate and pay particular attention to the edges. Do not allow the adhesive to puddle as this can cause an unevenness that can show through the laminate. On porous surfaces it may be necessary to apply a second coat of adhesive. Always apply to the laminate first and spray one substrate vertically and the other horizontally.

It is important to remember that Web Tack is a contact adhesive and forms its bonds by sticking to itself so there must be sufficient adhesive for this to happen. The adhesive is ready when it is knuckle dry (you can touch it and no adhesive transfers to your hand).

Assembly

Once the two surfaces are brought together an aggressive bond will be made. Spacers can be used to ensure the surfaces do not come into contact prematurely. Once the surfaces are brought together apply a uniform pressure over the work piece starting in the middle and working outwards. Use blocks or a 70mm roller and ensure the whole piece has been worked to ensure adequate contact of the adhesive. Pay particular attention to the edges. Testing at this point by lifting at the edge will weaken the bond. A nip roller will give the best results. Once assembled the piece can be machined or trimmed as required. Full cure will take 24 hours. Over-spray can be removed with white spirit.

Storage / Shelf life

Protect for extremes of temperature in a controlled environment between 15-35°C and away from direct sunlight. Do not stand the canister on cold concrete floors. Low temperature can result in poor adhesion and low coat weights. Do not allow to freeze, protect from frost.

Physical Data

Type	Sprayable contact adhesive
Appearance	Red
Solids %	28-30
Specific gravity @ 20°C	0.90 – 0.99
Coverage	15-20 m ² per Kg
Shelf life	12 months.

Special comments

Data contained in this document is for information only and is believed to be reliable. Trade Grade Products Ltd (TGP) cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability of the product for any specific purpose and TGP is pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information.

- The hazard label (complying with latest CDG/CPL regulations) applied to the container.
- Material Safety Data Sheet, Web Tack