

Quick Tack Carpet Adhesive

One Component Polyurethane Adhesive For Synthetic Sports Surfaces

INTRODUCTION

Sport-Fix Quick Tack Carpet Adhesive is a one pack, solvented, moisture curing adhesive of brushable viscosity, designed for the bonding of a wide range of flooring materials, particularly short pile synthetic sports surfaces. It bonds well to most sub floors including concrete, bitumen, terrazzo and granolithic materials and is resistant to all climatic conditions.

FEATURES

- High Tack allows application to one surface only.
- Easily spreadable by brush, trowel or squeegee.
- Curing is rapid, allowing minimum delays to further work on surface.
- Flexible weather resistant bonds.
- Particularly suitable for needle punch carpet installation when used with special QT seam jointing tape.

METHOD OF USE

IMPORTANT: Before embarking on any work involving Sport-Fix Quick Tack Carpet Adhesive, the Safety Data Sheet should be carefully read by those carrying out the work.

APPLICATION

Ensure the sub floor is smooth, clean, sound and free from dust, loose particles or contaminants such as oil which may affect adhesion.

Sport-Fix Quick Tack Carpet Adhesive is poured onto the base and spread out to a thin even coat by means of brush, fine notched trowel or squeegee. The surfacing material is rolled into position immediately, but no later than 20 minutes after the application of the adhesive. During this time the adhesive, in a soft liquid state, allows for movement of the surfacing material into the correct position. In order to consolidate the bond whilst curing takes place it is necessary either to roll the surface periodically over the next 2 hours or to apply weights to hold the surface in contact for this time. The open tack time and ultimate curing time of the adhesive are dependent both on temperature and humidity.

The timings given above assume ambient temperature of 16 - 20°C and Relative Humidity of 50 - 70%. Temperatures of 0 - 5°C slow the cure considerably and it may be necessary to consolidate the bond for periods up to 16 hours. Conversely on black sub bases, in warm direct sunlight, the open time, to position the carpet, may be reduced down to 5 - 10 minutes.

Sport-Fix Quick Tack Carpet Adhesive has a particular application for use in seam bonding, using a specially constructed plastic mesh seam tape. The combination can be used to join the edges of short pile carpets e.g. as often used for tennis courts, which have little or no sand added to the surface (It must be stressed that this system is suitable only with the correct combination tape and adhesive). Adhesive is applied to the mesh side of the tape as previously described above and the seams of the carpet positioned at the centre of the applied strip of adhesive. Consolidation of the bond is required by rolling or weighting as described and the timing restraints according to the site conditions apply.

This system has the advantage of rapid curing under normal Spring/Summer conditions and thus allows other work on the surface to be carried out within a few hours of bonding.

We do not recommend this system for the seam jointing of medium/long pile carpets normally used on large area soccer/hockey installations. Before use, individual substrates should be evaluated for bonding performance prior to any large-scale application.

PRODUCT CHARACTERISTICS

Colour & Form:	Clear, amber liquid of medium viscosity.		
Characteristics:	Moisture curing, high solids solvent based polyurethane adhesive suitable for outdoor use.		
Specific Gravity:	1200 g/litre.		
Viscosity:	6000 ± 1000 cps.		
Solids:	70 ± 2%.		
Application:	Brush, fine notched trowel or squeegee pad or roller. Avoid contact with skin and wear protective gloves.		
Open/Cure Time:	Ambient Temperature °C	Open Time	Cure Time
	5 - 10	1 - 2 hours	8 - 16 hours
	15 - 25	15 mins - 1 hour	2 - 4 hours
	Do not use if risk of ground frost or heavy rain before completion of setting time.		
Coverage:	350 - 500 g/m ² .		
Cleaner:	Cleaner 6.		
Flash Point:	0°C.		
Storage:	5 - 25°C in unopened containers.		
Shelf life:	6 months sealed containers.		
Packaging:	20 litre plastic drums.		

SPECIAL NOTES

Sport-Fix Quick Tack Carpet Adhesive is special in that unlike many other polyurethane flooring adhesives it exhibits an initial degree of tack once the solvent component has evaporated. This property facilitates the laying operation into a 'high grab' medium and requires bond consolidation whilst curing takes place.

Sport-Fix Quick Tack Carpet Adhesive is highly sensitive to moisture and so container lids should be replaced as soon as possible. Any skin that forms should be removed as it will not re-dissolve.

Sport-Fix Quick Tack Carpet Adhesive is available for applications where this fast grab type is required to bond carpet to the whole surface. Application by specialised spray equipment allows large areas to be covered with adhesive quickly (For further details see Spray Tack technical data sheet).

HEALTH AND SAFETY

Before embarking on any work ensure you have been supplied with the relevant Safety Data Sheet and have read carefully the following information.

- 1) The hazard label on the container (complying with CHIP 3 Regs 2002 and CDG/CPL Regs).
- 2) The Envirostik Material Safety Data Sheet for Sport-Fix Quick Tack Carpet Adhesive.

This leaflet is for general guidance only and may contain inappropriate information under particular conditions of use. The company cannot accept any responsibility for loss or damage that may result from the use of this information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability of this product by their own tests.