

Aqua Bond Adhesive

One Component Polyurethane Adhesive for Synthetic Grass Surfaces

INTRODUCTION

Aqua Bond Adhesive is a single component moisture-curing adhesive of trowellable viscosity designed for bonding synthetic grass carpets to a variety of substrates or jointing tapes. The adhesive is tolerant to the use in damp and cold conditions, with the final bonds being fully resistant to climatic conditions.

FEATURES

- Simple application for artificial lawn construction.
- Applied to one surface the adhesive exhibits high bond strength.
- Good tolerance to use in damp colder conditions.
- Adhesive coloured green to match synthetic grass.
- Single component adhesive used direct from the cartridge.
- Ideal for installation or maintenance work.

METHOD OF USE

IMPORTANT: Before embarking on any work involving Aqua Bond, the Safety Data Sheet should be carefully read by those carrying out the work.

APPLICATION METHODS

Before use individual substrates should be evaluated for bonding performance prior to any large-scale applications.

TOTAL CARPET STICKDOWN

Ensure the sub floor is smooth, clean, sound and free from dust, loose particles or contaminants such as oil, which may affect adhesion. Dampness can be tolerated but any surface water should be removed. Aqua Bond Adhesive should be applied to the substrate and spread with a notched trowel at a coverage rate sufficient to leave ridges of adhesive high enough to transfer to the back of the carpet. In order to consolidate the bond whilst curing takes place it may be necessary either to roll the surface periodically over the next two hours or to apply weights to hold the surface in contact during this time. Open times and curing times are dependent on both temperature and humidity and will be shortened in warm, moist conditions.

FOR REMEDIAL WORK AND SEAM BONDED JOINTS

Aqua Bond Adhesive can be used very effectively for work involving repairs or installation of lines or joints on new areas of carpet or existing sites. The use of this one component product allows adhesive to be applied directly from the cartridge between the substrates to be rebonded. It is important that the adhesive is spread evenly by serrated trowel. The versatility of the product means it is useful for carrying out work during periods of adverse weather, i.e. in colder, wetter conditions.

PRODUCT CHARACTERISTICS

Colour & Form:	Grass-green paste.		
Characteristics:	Moisture curing solvent free polyurethane adhesive suitable for outdoor use.		
Specific Gravity:	1400 grammes/litre.		
Viscosity:	Thixotropic paste.		
Solids:	100%.		
Application:	Notched trowel or direct from cartridge. Avoid contact with skin by wearing gloves.		
Open/Cure Time:	Ambient Temperature °C	Open Time	Cure Time
	5	1 hour	4 - 8 hours
	10	30 minutes	2 - 4 hours
	20	15 minutes	1 - 2 hours
	The above figures are a guideline for work in average humidity. Conditions of higher humidity can lessen these times.		
Application Temperature:	5 - 25°C.		
Storage:	6 months in unopened containers.		
Packaging:	310 ml cartridges (12 per box).		
Coverage:	500 - 1500 g/m ² depending on substrates and type of carpet.		

CAUTION

The adhesive is subject to slight foaming when curing takes place in damp conditions and care must be taken not to apply excess adhesive which may form a thick layer visible through the carpet.

HEALTH & SAFETY

Before embarking on any work ensure you are 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 & CDG/CPL Regs).
- 2) The Envirosik Material Safety Data Sheet for Aqua Bond 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.

