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# Grass-Fix Adhesive

One Component Adhesive for Synthetic Grass Installation

## INTRODUCTION

EnviroStik Grass-Fix Adhesive is a single component moisture-curing adhesive, designed for bonding synthetic grass carpets to a variety of base substrates or for joining the seams of carpet strips on to a special EnviroStik tape. The adhesive is suitable for use in damp and cold conditions, with the final bonds being fully resistant to climatic conditions.

## FEATURES

- Ready to use adhesive for artificial lawn and landscape construction.
- Exhibits high bond strength to most surfaces.
- Good suitability for use in damp colder conditions.
- Green adhesive colour to match synthetic grass fibres.
- No mixing of components and can be used direct from the plastic tub.
- Good working time even at high external temperatures.

## METHOD OF USE

**Important:** Before embarking on any work involving EnviroStik Grass-Fix Adhesive the Safety Data Sheet should be carefully read by those carrying out the work.

## APPLICATION METHODS

Prior to large scale applications, the materials to be glued together should be evaluated for bonding performance.

## 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. EnviroStik Grass-Fix Adhesive should be applied directly from the container to the substrate and spread with a notched trowel at a coverage rate sufficient to transfer to the back of the carpet when pressed into position. 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.

## SEAM-BONDED CARPET JOINTS

EnviroStik Grass-Fix Adhesive can be used very effectively for joining the seams on new carpet installations. The use of this one component product means adhesive is applied directly from the container on to the EnviroStik jointing tape, spreading the adhesive evenly by serrated trowel. A width of 2cm to 3cm at each edge of the tape should be left uncoated. The edges of the carpet are combined along the centre of the applied strip of adhesive and lightly pressed into position. The versatility of EnviroStik Grass-Fix Adhesive means it can be used for carrying out work during periods of variable weather conditions.

## PRODUCT CHARACTERISTICS

Colour & Form:	Grass-green paste.		
Characteristics:	Chemically curing hybrid polymer adhesive suitable for outdoor use.		
Specific Gravity:	1450g/litre.		
Viscosity:	Thixotropic paste.		
Solids:	100%.		
Application:	Notched trowel. Avoid contact with skin by wearing gloves.		
Open/Cure Time:	Ambient Temperature °C	Open Time	Cure Time
	5	1 hour	4 to 8 hours
	10	30 minutes	3 to 4 hours
	20	15 minutes	2 to 3 hours
	30	10 minutes	1 to 2 hours
The above figures are a guideline for work in average humidity. Conditions of higher humidity can lessen these times.			
Application Temperature:	5°C to 35°C.		
Storage:	12 month in unopened containers. Once opened lids should be tightly replaced but can cure inside the container within a few weeks.		
Packaging:	14kg & 4kg plastic tubs.		
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 thicker 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 EnviroStik Material Safety Data Sheet for EnviroStik Grass-Fix Adhesive.

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