

# Verde Grass-Bond All-Weather Adhesive

One Component Polyurethane Adhesive for Synthetic Sports Surfaces

## INTRODUCTION

Verde Grass-Bond All-Weather Adhesive is a high solid content, sprayable/spreadable, moisture-curing polyurethane adhesive designed specially for the bonding of synthetic sports surfaces to non-porous solid substrates and foams.

## FEATURES

- Fast drying time.
- Applied to one surface the adhesive exhibits high bond strength.
- Good tolerance to use in damp conditions.
- Adhesive coloured green to match synthetic grass.
- Single component adhesive used direct from the drum/tin.
- Ideal for installation or maintenance work.
- Excellent shelf life.

## METHOD OF USE

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

## TOTAL CARPET STICKDOWN

Verde Grass-Bond is not designed for use with the standard Verde Jointing Tape. If you wish to use a jointing tape, we would be pleased to recommend a suitable quality.

Verde Grass-Bond is designed for either spot adhesion or an all-over stick to a smooth, clean and sound sub floor. This should be free from dust, loose particles or contaminations such as oil, which may affect the adhesion. Dampness can be tolerated but any surface water should be removed.

Verde Grass-Bond Adhesive should be applied to the substrate with a trowel or rag. Only apply to a small area at one time before rolling the synthetic surface over the adhesive. Verde Grass-Bond will develop an aggressive tack rapidly and substrates should be brought together within minutes. A manageable bond will form after 10 minutes with full cure occurring after 24 hours. This instruction is imperative to its performance. In order to consolidate the bond whilst curing takes place, it may be necessary to either roll the surface continually for the next 2 hours or 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.

## CAUTION

The Verde Grass-Bond has an extremely quick drying time, with an immediate grab. It is essential to only bond small areas together at one time and not to attempt to adhere large areas in one session.

Highly inflammable – do not smoke around uncured adhesive.

## PRODUCT CHARACTERISTICS

Colour & Form:	Green/Clear.		
Characteristics:	Solvent based moisture-curing Polyurethane Adhesive suitable for outdoor use.		
Viscosity:	920 cps approximately.		
Solids:	60%.		
Application:	Trowel or rag. Small area at a time		
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	1.5 - 2 hours
	The above times are a guideline for work in average temperatures and humidity.		
Application:	-20°C - 120°C		
Storage Temp:	5 °C – 25°C		
Storage:	3 months in unopened drums.		
Packaging:	20 litre plastic drums 5 litre tins (shortened shelf life)		
Coverage:	An average coverage of 2-6 sq.metres per litre, depending on substrates and climate.		

## 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
- 2) The Material Safety Data Sheet for Verde Grass-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.

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The Adhesive Specialist