



PRODUCT SPECIFICATION: TURF ADHESIVE

Urethane adhesive is a single part, moisture curing, adhesive. It is a constant adhesive intended for use in bonding many substrates to the backing material of synthetic grass. Substrates include road base, decomposed granite, concrete, asphalt, wood, rubber-tiles and foam-padding. Our single part urethane adhesive can applied via glue-box, spray-rig, poured or applied via trowel.

Properties:

Viscosity @ 77° F.	3000 +/-500 cps.
Specific Gravity @ 77° F.	1.09 kg/lt.
Flash Point	400° F.
Weight/Gallon	9.1 lbs.
Cure Time	24 hrs.
Shelf Life	180 days
Appearance “D”/”DC Green”	Hazy/Green

Typical viscosity of Adhesive, at 77° F. is 3,000 cps. At 32° F, the viscosity is as high as 16,500 cps. At 100° F., the viscosity is as low as 750 cps.

If your viscosity requirements are 3,000 cps, you should store the Adhesive under controlled conditions of approximately 77° F.

Application Guidelines:

Before working with this product, consult the Material Safety Data Sheet. Read the available information on the proper use and handling of this product.

The Adhesive should be mixed thoroughly before each use.

The application surface should be free of dirt, oil or any other contaminant that will prevent adhesion. A rough surface that has been rinsed will improve the bond as the adhesive will absorb the moisture from the surface as well as the air.

This product is suitable to be applied via spray rig, trowel, glue box or by simply pouring.

Apply a continuous bed of about 1/16” thick x 6” wide. After application to the substrate, wait about 3 –5 minutes. Once small bubbles begin to develop on the surface of the adhesive, begin pressing seams firmly, applying enough pressure to ensure full contact between both surfaces. Wait about 30-45 minutes and re-apply pressure again. Weighted rollers work very well when applying pressure to your seams.

Adhesive is a moisture-curing adhesive, the humidity in the air, substrate and artificial grass backing will ultimately affect the outcome of the bonding. Extreme temperature variations will also affect the curing process.

It is strongly recommended that the installer become familiarized with the product before use on a large scale.

Storage:

The shelf life of the adhesive is approximately 180 days under the following conditions: The adhesive should be stored at 60°-80° F., and protected against any form of moisture in the original unopened container. It is very important to close the container immediately after dispensing (consider covering the opening w/ plastic wrap, then applying the lid). This is extremely important to reduce moisture absorption.

Disclaimer:

The user is solely responsible for the application of this product and should evaluate it before use. Since the uses of these products are beyond our control, ATS is not liable for any loss, damage or injury, direct or consequential, arising out of the use of these products.