

Technical Data Sheet

TURF STIKK® PU500

ARTIFICIAL GRASS POLYURETHANE ADHESIVE



TURFSTIKK® PU500 IS A TWO COMPONENT, SOLVENT-FREE ADHESIVE WHICH GIVES A HIGH BOND STRENGTH AND EXCELLENT WATER RESISTANCE IN ARTIFICIAL GRASS BONDING APPLICATIONS.

TURFSTIKK® PU500 IS DESIGNED FOR BONDING SEAM TAPE TO ARTIFICIAL GRASS AND FOR GENERAL REPAIR APPLICATIONS. IT IS SUITABLE FOR MOST TYPES ARTIFICIAL GRASS AND IN PARTICULAR SPORTS PITCHES.

BENEFITS

- Solvent free
- Fast curing
- High strength
- Bonds in all weather conditions
- Easy to use
- Excellent coverage
- Conforms to EN 12228:2013

AVAILABLE COLOURS

Green

TECHNICAL DATA

Viscosity (20°C):	400,000 +/- 100,000 mPas
Mixture viscosity (20°C):	115,000 +/- 35,000 mPas
Specific gravity:	1.70
Mix ratio:	10:1 (A:B)
Pot life (50% RH, 25°C):	40 minutes
Wet life (50% RH, 25°C):	70 minutes
Curing time (50% RH, 25°C):	Approx 24 hours
Hardening time (50% RH, 25°C):	5-8 hours at 20-22°C
Recommended application temperature:	minimum 5°C
Recommended application humidity:	50% RH
Coverage:	1 Square metres per kg 2 Linear metres per 1kg when used with 300mm seam tape.

AVAILABLE SIZES

Kit	15kg
Kit	6kg

PREPARATION AND APPLICATION

Ensure that the surfaces to be bonded are smooth, clean and free from dust or other deposits. Both components should be acclimatised to working temperature (approx. 20C) before use

Add hardener to the pail of resin. Mix both components thoroughly using an electric drill with mixing paddle until the components have mixed to a consistent colour. Mixing should take approximately 2 minutes. Ensure the components are completely mixed by ensuring the resin on the walls and bottom of the pail are mixed.

The adhesive should be applied within the temperature range of +5°C to +30°C. Apply the adhesive with a manual coating machine or a notched trowel uniformly on the seam tape. Apply artificial grass and press down firmly. Allow to cure.

HANDLING AND STORAGE

Consult Safety Data Sheet prior to use.

Always test Turfstikk® PU500 All Weather to determine suitability for your particular application prior to use in production.

Turfstikk® PU500 should be stored in the original containers in a cool, dry place, at a temperature range of between 5°C and 25°C. In these conditions it has a storage life of at least 12 months.

DISCLAIMER: Due to the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate an ageing test and this test should be repeated if the substrates on which the this product is used are changed in any way or are purchased from a different source. During the evaluation and testing of the product, it is the purchasers/end user's responsibility to carry out appropriate actions for the protection of the environment, the health and safety of its employees and purchasers of its products. No employee of Ureka Global Ltd has any authority to waive or change the forgoing provisions. The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be made in writing to the head office of Ureka Global Ltd.

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