

Technical Data Sheet

# TURF TURFSTIKK® 100 SYNTHETIC GRASS ADHESIVE



**TURFSTIKK® 100 IS A FAST CURING, ONE COMPONENT, HYBRID POLYMER ADHESIVE DESIGNED FOR BONDING SYNTHETIC GRASS TO SEAMING TAPE.**

**TURFSTIKK® 100 IS HIGH GRAB SO ENSURES THE SEAMING TAPE AND GRASS ARE KEPT IN PLACE WHILE THE CURE TAKES PLACE.**

Turfstikk® 100 will also bond porous and non-porous substrates including Metals, Fibreglass, Timber, Hard Plastics, Stone, Concrete, Bricks, Plasterboard, Ceramics, Glass, Marble and many other substrates.

### TECHNICAL DATA

Brookfield viscosity:	Paste
Solids content:	>98%
Specific gravity:	1.47
Skin formation:	15 minutes (20°C and 50% RH)
Curing rate:	>4mm per 24 hours (20°C and 50% RH)
Hardness:	60 Shore A
Modulus at 100% elongation (ISO 8339):	1.3 mPa
Tensile strength at break (DIN 53504):	3 mPa
Elongation at break (DIN53504):	275%
Temperature resistance:	-40°C to +90°C
Coverage:	Bonds approximately 3 metres of artificial grass when using 200mm width seam tape.

### BENEFITS

- Fast curing
- Designed for bonding synthetic grass
- Green colour
- Bonds most substrates
- Solvent and water free
- Bonds in damp conditions
- Odourless
- Excellent durability in all atmospheric conditions.

### AVAILABLE COLOURS

Green

### AVAILABLE SIZES

Cartridge 290ml

## PREPARATION AND APPLICATION

Ensure that the surfaces to be bonded are smooth, clean and free from dust or other deposits. Most construction grade materials are suitable such as wood, concrete, brick, insulation materials, porous and non-porous.

Slight moistening of substrates improves the curing rate and gap filling properties.

We recommend a preliminary compatibility test before bonding of desired substrates.

The adhesive should be applied within the temperature range of +5°C to +25°C. Cut the tip of the cartridge ensuring the thread is left intact. Screw nozzle on to the cartridge and cut an aperture relevant to the application requirement. Load the cartridge into a sealant gun and apply the adhesive in beads. Join the parts together within 10 minutes. Pressing the materials during curing is necessary to obtain the highest bond strength.

Cured adhesive has to be removed mechanically.

## HANDLING AND STORAGE

Consult Safety Data Sheet prior to use.

Turfstikk 100 should be stored in the original cartridges 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.

## LIMITATIONS

Always test Turfstikk 100 to determine suitability for your particular application prior to use in production.

Not recommended for use with plasticised vinyl's, flexible plastics, expanded/extruded polystyrene, PE or PP.

**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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