

GrassTech – Flock / static Grass Applicator

“The simple and effective tool for modellers on a budget”

The GrassTech from GrassTech USA is the ideal tool for applying flock / static grass on a model landscape. Utilising an electrostatic technique, the grass fibres get electrostatically charged and will land and remain in a vertical position on the scenery, creating a realistic grass effect.

Direction for use:

- Apply flock adhesive onto the selected area that you want to flock. Fill the sieve of the GrassTech approximately 2/3 full with the flock / static grass of your choice.
- Attach the alligator clip to the adhesive on the landscape in the area you are going to flock. This will polarize the device. If you are unable to attach the clip, then we recommend sticking a small nail into the glued area and proceed to attach the clip.
- PRESS & HOLD the button on the side of the GrassTech and gently shake the device over the area coated with glue. You should keep the sieve within a 6” radius of the alligator clip/nail for best results. The closer the positive and negative poles are to each other the stronger the charge.
- CAUTION – If the alligator clip touches the metal part of the sieve, it will pop/spark so ensure you do not touch the clip and sieve at the same time otherwise you will get a small but harmless shock.
- Allow the glue to dry and brush off or vacuum up the loose flock. You may re-use the loose flock again
- When you are finished with the GrassTech, We suggest removing the batteries.

Technical:

- The electrical circuit within the GrassTech converts the battery current into a stable high voltage, reaching approx 3.5KV.
- The metal part of the sieve creates a negative pole carried by the grass fibres.
- The positive pole travels through the attached wire on the device and releases through the alligator clip.
- As the fibres exit the sieve they are pulled mid-air through an electrical field allowing the fibres to land in a vertical position onto the adhesive covered surface.
- To achieve an effective electrical field you should use glue that conducts electricity.

Safety Instructions:

The GrassTech has been constructed using pre-manufactured products that conform to UK & EU safety standards. The GrassTech is professionally manufactured and fully tested by certified engineers; however the following precautions should be adhered to at all times.

- **Not recommended for use by children.**
- **Never physically touch or place a foreign object inside the sieve when the device is turned on or in use. When switched off the tool still carries a residual charge – take care not to touch the inside of the sieve and the alligator clip at same time. It is possible to discharge the tool by placing the alligator clip on the metal part of the sieve when the tool is turned off, hold the wire a minimum of 6” away from the metal as a spark will occur.**
- The formation of sparks is possible during operation. Keep away from flammable liquids, gas or any combustible materials during operation and storage. Make sure the item is stored in a dry area and protect it from humidity, moisture and damp. Never use or turn on the device, if you notice moisture in or on the GrassTech. Remove battery when not in use.

Cleaning:

Ensure the GrassTech is turned off and battery/power adapter is removed. Do not use solvents, liquid cleaners or water to clean your GrassTech, simply use a dry towel or a small paintbrush.

Specification:

Input: 3V
Max. Operational Ampere: 10mA
Output: 4.5 kV maximum
Maximum Current: 1,5mA
Power Supply: D Batteries (x2) (Use Duracell or Branded)
Battery Life Expectancy: max. 30 hours
Operation indicated by illuminated led on handle
A slight humming noise may also be heard

Keep these instructions for reference purposes

GrassTech USA

www.grasstechusa.com

