

FOOTPRINT operating instructions

Overview

ISOMARK FOOTPRINT is a fast curing silicone polymer, designed for casting footwear and tyre marks in soil or sand. The polymer is supplied in a twin pack cartridge which is dispensed using a hand operated tool. Mixing of the polymer is achieved automatically, using a static mixing nozzle attached to the outlet of the cartridge



Operating instructions

Do not fit the mixing nozzle to the cartridge unless you are ready to cast the mark.

1. Unscrew the retaining nut from the cartridge outlet to remove the end plug (do not remove metal washer).



2. Fit mixing nozzle to cartridge and align the notch on the nozzle mouth to the moulded lug on the cartridge outlet. Attach the nozzle using the securing nut provided.



3. the catch-plate at the rear of the dispenser handle and fully withdraw the piston rods. Fit the cartridge into the dispenser frame as shown.



4. Operate the mechanism of the dispenser to bring the pistons into contact with the cartridge and begin to dispense the ISOMARK compound.

Dispense the cartridge immediately to avoid partially dispensed material in the mixing nozzle curing and blocking the nozzle.



Making the Cast.

Operate the dispenser mechanism firmly and direct the flow of the polymer into the features of the mark. Take care not to disturb the mark with the mixing nozzle.

Work quickly – the polymer is fast curing. If the flow of polymer through the nozzle is stopped for more than 30 seconds the polymer will begin to cure and it will be necessary to replace the mixing nozzle.

Aim to cover all of the mark detail before building up the thickness of the cast. A 5mm thick layer of polymer will have sufficient strength to resist tearing.

When casting marks on sloping surfaces, begin coverage at the lowest point and work upwards.

The cure of the polymer is not affected by the presence of water. However, for best results, it is advisable to drain excess water from the mark prior to casting.

Removal of Cast

Allow the polymer to cure fully before removal. Curing time is temperature dependant. Allow 5 minutes at 25⁰C and up to 20 minutes at 0⁰C.

Peel the cast from one edge and store in a plastic bag. Do not store the cast in a folded or rolled-up condition, as permanent deformation of the cast may result.

NOTE: When casting SNOW marks it is important to cool the cartridge down to the outside temperature before application to avoid melting the mark. At low and freezing temperatures the compound will take longer to cure.