

Spray Application Protectakote

Protectakote can be sprayed using a simple shutz gun and compressed air. Protectakote for spray applications is supplied in a customized one litre can that is designed to simply screw onto the spray gun, please note that our spray cans use a US thread which unfortunately is different from European guns. These spray-guns can be [purchased from NVP or our stockists](#).

Equipment

The following equipment is recommended for PROTECTA-KOTE spray application: Xylene (see warning below) for cleaning and dilution, scouring pad and/or medium grit sandpaper, nitrile gloves, paint mixer drill attachment or stirring rod, masking tape, and clean-up rags and standard air compressor. Spray pressure of 3-5 bar (45 - 60 psi) required. Nozzle diameter of a minimum of 2mm. Must have a water trap located as close to the compressor as possible. Use of a fresh air fed full face respiratory mask to prevent solvent inhalation is recommended.



Instructions

1. Prepare surface as per normal Protectakote application.
2. Open Protectakote can being careful to pry the inner seal out using a flat-blade screwdriver. Contents of the can may be under pressure so angle the can away from the body while lifting the seal.
3. Using a stirring stick or drill attachment mix the contents of the can thoroughly being careful to lift any of the rubber crumbs that may have settled at the bottom of the can. Nb. Shaking the can is not sufficient on its own.
4. Ensure that the spray nozzle is out far enough to allow a smooth flow of Protectakote and prevent clogging.
5. Reinstall screw cap and shake the can vigorously for a few minutes.
6. Remove the cap again and thread the spray gun into the top of the can and tighten firmly.
7. Rinse out the gun with Xylene thoroughly before use, Protectakote must not come in to contact with water or any solvent other than Xylene.
8. Connect the spray gun to an air compressor with a pressure of 3 - 5 bar (45 - 60 PSI), test spray the gun away from the vehicle to become familiar with the spray pattern and coverage.
9. Spray a thin uniform coat of Protectakote to the entire surface. Do not apply too thickly to prevent running and drips. Clean up any over-sprays immediately.
10. Clean out the spray gun with Xylene between coats to prevent it from clogging.
11. Wait until the first coat has become touch-dry, about 1 to 3 hours, before applying a second coat. Poor inter-coat adhesion will result when the second coat is applied after the first coat has been allowed to fully cure. If the first coat has fully cured the surface must be abraded with 180 grit sand papers and cleaned with Xylene before applying the second coat.
12. Clean the spray gun out thoroughly after finishing the second coat

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Tips

- Store the tins upside down for 24hrs before use to aid the dispersal of the rubber crumb.
- Protectakote is moisture cured so ensure the moisture trap on the air line is regularly emptied. Protectakote is a moisture cured product so wet air can prematurely thicken or cause lumps in the product.
- The Protectakote can be diluted by a further 5% with Xylene if required, ensure it is thoroughly mixed.
- Protectakote is a moisture cured product so must be kept dry for at least 6-8 hours after application. Full cure and maximum strength will take approximately 5-7 days.
- Standard brush Protectakote can be sprayed by diluting it by 5-10% with pure Xylene.
- To prevent mud cracking it is always better to apply multiple thin coats.
- **Warning:** Protectakote must not come in to contact with moisture or any other solvent other than Xylene as otherwise it will prevent its complete curing. Please take care that the Xylene being used is pure and does not contain any alcohols.