



Instructions For Using 3M™ Stamark™ Pavement Preparation Adhesive P50

3M™ Stamark™ Pavement Marking Tapes

Information Folder IF-P50

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Health and Safety Information

Read all health hazard, precautionary and first aid statements found in the Material Safety Data Sheet (MSDS), and/or product label of chemicals prior to handling or use. Also refer to the MSDS for information about the volatile organic compound (VOC) content of chemical products. Consult local regulations and authorities for possible restrictions on product VOC content and/or VOC emissions.

Wear appropriate skin and eye protection.

Directions For Use

P50 adhesive is extremely flammable - handling and storage precautions stated on the container must be followed. Containers must be opened away from the face slowly and carefully to vent any internal overpressure.

3M™ Stamark™ Pavement Preparation Adhesive P50 is applied by using the Adhesive Spray Applicators PS-98 or a hand roller.

Packaging

3M™ adhesives are available in 5liter and 20liter cans. (Figure 1)

StockNumbers:

FS 9100-1623-7 for the 20 liter can

FS 9100-2815-8 for 4 cans à 5 liter



Figure 1: Primer cans

Coverage

P50 sprayable adhesive coverage is about 20 linear m/l. (0.2-0.3 l/m²) spraying a 20cm wide pattern. The spray pattern width of 20cm spray is recommended for 15cm wide tape.

Application Conditions

Air and pavement temperature have to correspond to the appropriate 3M application recommendation for pavement marking tapes.

New asphalt surfaces must be open to traffic at least 3 days before applying P50 sprayable adhesive.

New Concrete surfaces less than 90 days old must have the curing compound removed before applying P50. They can be removed by grinding, wire brushing or sand-blasting, or by other methods such as shot-blasting or water-jet.

The pavement surface must be clean, dry and in fairly good condition.

Application Procedure:

Completely clean and flush the spray equipment with regular gasoline or Methyl Ethyl Ketone before spraying P50.

Stir the P50 adhesive thoroughly and apply one layer of P50 sprayable adhesive. Spray the adhesive at least 2,5cm beyond the edges of the tape to be applied.

Example: Spray 15cm wide spray pattern for 10cm tape.

If tape wider than 15cm is to be applied, make multiple passes with the Adhesive Spray Applicator PS-98 with a certain overlap. Allow the adhesive to dry completely. The adhesive is dry, when it will not lift or string when touched with fingertips protected by gloves (see Figure 2).

Drying time is approximately 10 to 15 minutes, depending on the road surface and weather conditions. If you use multiple passes for wider tape widths allow additional drying time for the overlap area.

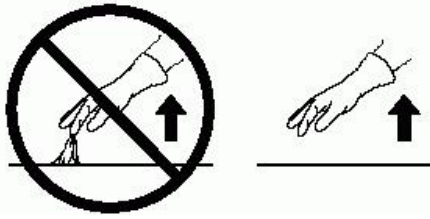


Figure 2: Finger tip test

It is very important that the primer is completely dry to ensure proper adhesion and prevent the tape from sliding after the application.

When the adhesive is dry, place the tape firmly into place either by hand or by using 3M application equipment. When applying pavement marking tape by hand, be careful not to allow the adhesive to touch the road surface until the tape is applied in the proper position. Tamp the tape thoroughly with the 3M™ Roller Tamper Cart RTC-3 with a load of 90 kg. Hand applied tape needs to be tamped with only 30 kg for first tamping, then proceed with 90 kg.

Tamping is most important!

Find further details in the appropriate Information folder.

Clean-Up

When finished priming, pull the PS-98 applicator backwards 3-5m, to draw the primer back into the can and remove the siphon tube from the primer

Insert the siphon tube into a can of regular gasoline or Methyl Ethyl Ketone, place a catch pan under the spray nozzle and rotate the front wheel until the solvent from the spray nozzle appears clear.

Rotate the pump backwards, to draw the solvent back into the can.

Dispose cleaning solvents according to local regulations and guidelines.

Storage Recommendations:

Store away from heat and sparks in a cool, dry and well-ventilated area. Avoid storage below freezing point and direct sunlight exposure! Keep container closed when not in use. Contents may be under pressure; open carefully. Use within 6 months after reception.

Literature Reference

For additional information on 3M™ Stamark™ Tapes, Application Instructions or 3M™ Application Equipment, refer to the following publications:

IF OV	Information Folder Overlay Application
IF PS-98	Information Folder Adhesive Spray Applicator PS-98
IF MTA2	Information Folder Manual Tape Applicator MTA-II
IF RTC-3	Information Folder Tamper Cart RTC-3
PB A340	Product Bulletin 3M™ Stamark™ Durable Tape Series A340
PB A380	Product Bulletin 3M™ Stamark™ High Performance Tape Series A380SD
PB A820	Product Bulletin 3M™ Stamark™ Wet Reflective Tape Series A820
PB A650	Product Bulletin 3M™ Stamark™ Temporary Tape Series A650
PB A540	Product Bulletin 3M™ Stamark™ Temporary Tape Series A540
PB A720	Product Bulletin 3M™ Stamark™ Temporary Wet Reflective Tape Series A720
PB A750	Product Bulletin 3M™ Stamark™ Temporary Wet Reflective Tape Series A750

3M assumes no responsibility for any injury, loss or damage arising out of the use of a product that is not of our manufacture. Where reference is made in literature to a commercially available product, made by another manufacturer, it shall be the user's responsibility to ascertain the precautionary measures for its use outlined by the manufacturer.

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