Stamark™

Temporary Removable Black Mask A715

Product Bulletin A715 **January 2011**

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.

Description

3M™ Stamark™ A715 Temporary Removable Black Mask is intended to be used to cover existing road markings in temporary highways works situations where removability is required. It is highly skid resistant and the matte black colour helps minimise glare in sunny or wet conditions. The mask is simple to apply and is designed to perform for the duration of standard highway work zones.[1] Once the markings are no longer needed the tape can be quickly and easily removed intact or in large pieces.

Stamark™ A715 comprises a conformable, profiled black marking which is reinforced by a structured netting and is pre-coated with a pressure sensitive adhesive for easy, rapid application. Stamark A715 uses a special temporary adhesive, and as such to ensure removability of A715, surface preparation adhesive should not be used. The road can be opened to traffic immediately after application.

1. Dependent on application, traffic levels and snow removal practices, A715 is intended for use for up to 1 tape application season.

Product Features

- Durable, conformable, matte black top surface
- Easy to apply by hand or machine
- Road can be opened immediately after application
- Highly Skid Resistant
- Coated with a "Primerless Temporary" pressure sensitive adhesive on bottom surface
- Easy to remove intact or in large pieces
- Leaves no lasting marks or damage to existing road surface

Product Performance

3M™ Stamark™ Temporary Removable Black Mask A715 achieved the following classes of performance assessed to BS 7962 after road trial according to BS EN 1824:

Colour	B (Luminance)	SRT
Black	*0.04*	*58*

General Performance Consideration

Maximum durability of 3M™ Stamark™ Road Marking Tape will be realized when properly applied according to 3M recommendations provided in product bulletins and information folders.

The durability of A715 tape will depend on traffic conditions, application techniques used, as well as road and atmospheric conditions at the time of application. Damage may be caused by heavy trucks, excessive encroachment (crossover), narrow lane width, unpaved shoulders, snow removal and ice control techniques, such as sanding. It is recommended that the customer thoroughly evaluate A715 tape under the conditions in the specified location before making large- scale applications.

While experience has shown that, properly applied, these materials are highly effective traffic control devices; 3M makes no generalized durability claims.

Application

All applications of A715 tape should be installed using the instructions in this Product Bulletin and the appropriate Information Folders.

Only the Overlay method of application is suitable for the 3M™ Stamark™ A715, in order to ensure the product retains its removability characteristics.

Climatic and surface conditions for Overlay applications:

- Air and Surface Temperatures: +10°C and rising
- Relative Air Humidity: < 80 %
- Clean and dry surface, no rain 48 hours prior to the application.
- Do not apply tape on longitudinal road surface joints.

Application Steps:

- Sweep road surface and use a high pressure air blower to remove dust and debris
- Apply tape by hand or using a Tape Applicator. The A715 should be wide enough to cover a marking in a single taped line and should extend beyond each side of the marking by approximately 2.5cm (~1inch)
- The existing MTA-2 application equipment has to be upgraded using the plasmacoated transportation roll kit **DR995032239** in order to prevent adhesive sticking
- Use butt splices where required, do not overlap tape
- Immediately after application tamp the Stamark thoroughly to ensure good adhesion, using a tamper cart (90kg load) or truck tyre. The truck must be equipped with a pointing device to aid the driver in

keeping the tyre on the tape. Tamp in the direction of application. Make 3 slow passes over the tape ensuring the tamper/tyre is not twisted or turned on the tape. Tamping is most important!

- Make sure all edges are firmly adhered
- Application can be made to pre-existing thermoplastic or paint lines that are in good condition e.g not flaking, chalking or otherwise coming away from the road surface. Suitability tests should be conducted prior to large applications

Removability

A715 Black Mask is removable intact or in large pieces at temperatures above +4°C without the use of heat, solvents, grinding or sandblasting. Use the following procedure:

- Wear gloves and use a chisel-like tool to lift up the edge of the tape
- Pull straight up at 90° angle to the road
- At temperatures below +4°C the tape may be more difficult to remove in large pieces. A small amount of heat may be used to soften the adhesive when removing A715 during cold weather conditions

Storage

Store 3M™ Stamark™ Temporary Removable Black Mask A715 in a cool, dry area indoors. Use within one year of receipt.

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 AP	Information Folder Inlay Application
IF BPlus	Information Folder BitumenPlus Application
IF PS-98	Information Folder Adhesive Spray Applicator PS-98
IF P50	Information Folder Surface Preparation Adhesive 3M™ Stamark™ P50
IF MTA2	Information Folder Manual Tape Applicator MTA-2
IF RTC-3	Information Folder Roller Tamper Cart RTC-3

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.

Important Notice

All statements, technical information and recommendations herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. 3M shall not be liable and no warranty shall be liable and no warranty shall apply for products not applied according to our published information folder.

Before using, the user must determine the suitability of the product for its intended use, and the user assumes all risk and liability whatsoever in connection therewith. All questions of warranty and liability relating to this product are governed by the terms of the sale subject where applicable to the prevailing law. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of us.

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