



# Performance Warranty Statement

3M™ Scotchlite™ Reflective Sheetings  
and Chemistry used in the manufacture  
of Permanent Traffic Signing



Quality  
Endorsed  
Company  
AS 9002:2009 9002  
Lic 14  
Standards Australia

3M Traffic Control Materials Division  
3M Australia Pty. Limited (A.C.N. 000 100 096)

# Performance Warranty Statement

## *3M™ Scotchlite™ Reflective Sheatings and Chemistry used in the manufacture of Permanent Traffic Signing*

Only those products described in the Warranty Performance Schedule are covered by this 3M Performance Warranty Statement for Permanent Traffic Signing.

Scotchlite reflective sheetings and chemistry, when delivered to the initial purchaser, shall be free of defects in material and workmanship and shall conform in all respects with 3M product release specifications.

When applied to approved **aluminium** substrate in accordance with the application techniques detailed in relevant 3M technical literature, 3M Scotchlite™ reflective sheetings and chemistry shall provide service levels not less than those defined in relevant 3M technical literature.

Subject to the conditions detailed in this Performance Warranty Statement, if, during the defined warranty period:

- a. a sign face exhibits cracking, blistering, peeling, colour loss or other physical deterioration which, in the opinion, reasonably formed, of 3M, renders the sign ineffective for its intended purpose when viewed by a driver from a moving motor vehicle under normal day or night driving conditions, and/or
- b. the Coefficient of Luminous Intensity per Unit Area (CIL/m<sup>2</sup>) of the reflective sheeting of a properly cleaned sign is less than the minimum specified in the Schedule detailed in this Warranty Statement,

3M Australia Pty. Limited will furnish the necessary quantity of Scotchlite™ reflective sheeting and chemistry to replace the sign face. Replacement will be determined according to the following formula:

**Class 1A** First 7 years - Full replacement reflective sheeting and chemistry

**Class 1** First 7 years - Full replacement reflective sheeting and chemistry

**Class 2** First 4 years - Full replacement reflective sheeting and chemistry

For claims approved by 3M after the initial full replacement period has expired, a pro rata credit will be paid by 3M in accordance with the following formula:

$$\frac{W - E}{W} \times R = C$$

Where:

**W** is the term of the original warranty expressed in months,

**E** is the expired period of the warranty expressed in months,

**R** is the 3M selling price of the replacement sheeting and chemistry at date of replacement, and

**C** is the amount in dollars of the credit.

# Extended Warranty Provisions

*3M Australia Pty. Limited has appointed a network of Qualified Sign Manufacturers to provide attractive benefits and service to purchasers of Permanent Traffic Signing.*

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These Manufacturers are fully trained in process and production techniques by the Technical Service Group of the 3M Traffic Control Materials Division. Regular technical audits are carried out to ensure continued compliance with 3M technical recommendations.

This audit process encourages manufacturing excellence and enables 3M Australia Pty. Limited to provide special Extended Warranty provisions through these manufacturers.

***Qualified Sign Manufacturers are annually issued with a Certificate by 3M Australia Pty. Limited, validating their authority to provide the benefits of Extended Warranty to their customers, subject to the conditions detailed in this statement.***

Extended Warranty operates in conjunction with our Permanent Traffic Signing Performance Warranty Statement. It is only applicable to Permanent Traffic Signing manufactured by Qualified Sign Manufacturers using properly prepared **aluminium** substrate and the recommended Scotchlite™ reflective sheeting/chemistry combinations, (*“a qualifying sign”*).

Should a qualifying sign fail during the warranted period due to causes other than accidental damage, vandalism, improper maintenance and handling or abnormal environmental conditions, 3M Australia Pty. Limited shall meet the total cost of replacing the sign including removal and erection costs.

Wherever possible, replacement signs will be supplied through the original manufacturer. A list of current 3M Qualified Sign Manufacturers is available from 3M Australia Pty. Limited.

Sign failure must be solely the result of defects in the Scotchlite™ sheeting or chemistry and not resulting from the effects of improper fabrication, failure of substrate, damage during installation, improper storage and handling, improper maintenance, vandalism, negligence, accidental damage, or abnormal environmental conditions.

To qualify for warranty entitlement, signs must be packaged, labelled, transported and stored in accordance with 3M recommendations, and substrate must be stamped or durably marked with the following details:

1. Date of manufacture,
2. An approved coding or name for sign manufacturer, and
3. An approved coding for specific 3M products used on the sign.

If 3M products with differing warranty periods are combined on a sign, the lesser period shall apply and it is expressly stipulated that only components and methods recommended by 3M shall be used in sign manufacture, transport and storage, if warranty entitlement is to be provided.

It is a condition of this warranty that 3M Australia Pty. Limited reserves the right to properly clean the sign under complaint and subject it to any testing deemed necessary to determine the validity of the warranty claim.

Before use, the User shall determine the suitability of the product for the intended purpose, and the User assumes all risks in relation to the use thereof.

Notification of failure should be advised to the original manufacturer of the sign, who will contact the 3M Traffic Control Materials Division.

The liability of 3M Australia Pty. Limited under this warranty is limited to replacement as stated herein, and 3M will assume no liability for any direct or indirect or consequential expenses or losses not already defined within this document.

No replacement or allowance will be made for items which have been in use for longer than the warranted period, or which have been damaged or affected by wilful or negligent mishandling or by the use of improper maintenance techniques or materials.

The foregoing warranty statement gives specific rights. Additional rights may be available by statute and operation of law and these may vary from State to State. Some statutory warranties may be excluded and, to the extent permitted by law, such warranties are expressly excluded.

All items must incorporate an acceptable coding reference to identify the manufacturer of the sign or device, the date of manufacture, and the specific 3M products used.

Replacement signs or devices are to be clearly marked with the date of manufacture of the original sign or device, together with the "R" suffix, to clearly identify these as replacement items.

# Warranty Performance Schedule

<i>Background Sheeting Type</i>	<i>Used in Combination With</i>	<i>Warranted Outdoor Exposure</i>	<i>Warranted Retained CIL/m<sup>2</sup> Percentile*</i>
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## **AS/NZS 1906.1 – Class 1A**

Scotchlite™ 3970 Series Diamond Grade™ LDP Reflective Sheeting	Scotchlite™ Reflective Sheeting, Films and Screen Process Colours  3970 Series Diamond Grade LDP 3990 Series Diamond Grade VIP 3870 and 3860 Series High Intensity Grade Electronic Cuttable Film 1170 Series Screen Process Colour 880 Series	10 years	50%**
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## **AS/NZS 1906.1 – Class 1**

Scotchlite™ 3990 Series Diamond Grade™ VIP Reflective Sheeting	Scotchlite™ Reflective Sheeting, Films and Screen Process Colours  3970 Series Diamond Grade LDP 3990 Series Diamond Grade VIP 3870 and 3860 Series High Intensity Grade Electronic Cuttable Film 1170 Series Screen Process Colour 880 Series	10 years	50%**
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## **AS/NZS 1906.1 – Class 1**

Scotchlite™ 3870 Series High Intensity Grade Reflective Sheeting	Scotchlite™ Reflective Sheeting and Films 3870 and 3860 Series High Intensity Grade Electronic Cuttable Film 1170 Series	12 years	80%**
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## **AS/NZS 1906.1 – Class 1**

Scotchlite™ 3870 Series High Intensity Grade Reflective Sheeting	Scotchlite™ Screen Process Colours Screen Process Colour 880 Series	10 years	80%**
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## **AS/NZS 1906.1 – Class 2**

Scotchlite™ 3270 Series Engineer Grade Reflective Sheeting	Scotchlite™ Reflective Sheeting, Films and Screen Process Colours  3970 Series Diamond Grade LDP 3990 Series Diamond Grade VIP 3870 and 3860 Series High Intensity Grade 3270 and 3260 Series Engineer Grade Electronic Cuttable Film 1170 Series Screen Process Colour 700 Series	7 years	50%**
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\* Warranted retained brightness levels apply to reflective sheetings used for sign background, borders and legends.

\*\* Retained CIL percentile is based on minimum CIL values for new reflective sheetings by Class for all of the combinations of Observation and Entrance Angles defined in relevant tables included in AS/NZS 1906.1:1993.

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