

Reflective Solutions

# ORALITE® 5951M

Flexible Prismatic Container Marking Grade

# ORALITE® 5951

High Intensity Prismatic Container Marking Grade

# ORALITE® 5851

High Intensity Container Marking Grade



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# ORALITE® Container Marking Grades

The ORALITE® Container Marking Grade series reflective films are flexible, highly reflective, weatherproof BAST approved materials. The Container Marking Grade series includes both prismatic and high intensity glass bead materials:

ORALITE® 5951M complies with the class RA2, design C - prismatic metalised

ORALITE® 5951 complies with the class RA2, design C - prismatic air-backed

ORALITE® 5851 complies with the class RA2, design B - encapsulated glass bead

## Description

The ORALITE® Container Marking Grade series reflective films are especially developed for application to permanent and exchangeable containers on public roads. The films are equipped with an adhesive that ensures permanent bonding to painted and polyolefinic substrates. Depending on the stress the film is subjected to, full functionality is guaranteed for a period of up to five years.

The film with the print design required for container warning signs also is available in the form of blanks. The reflective data and colours at daylight comply with DIN 67520 Part 2 and DIN 6171, and with the international specifications for reflective materials of this class. They are approved by the German Federal Ministry for Transport as lighting products for marking permanent and exchangeable containers.

## Container Markings

The labelling of permanent and exchangeable container markings is stipulated in the transport statement of January 11, 1984. Retroreflective container warning signs must comply with DIN 67520 and DIN 6171. Moreover, they require the approval of the German Federal Ministry for Transport.

## Application Instructions

Select a film blank of ORALITE® material pointing to the left or to the right. From one end, peel back approximately 10 cm of the siliconised cover material from the reflective film and fold it back.

After carefully planning the positioning and alignment of the film on the permanent or exchangeable container, press the film section with the exposed adhesive layer to the surface using a squeegee or hand roller.

Continue to remove the cover material from the film slowly and evenly, pressing the reflective film to the vehicle surface with the squeegee or roller. Be sure to use the squeegee in a sweeping motion, starting from the centre of the material and working out toward to the edges to firmly affix the film and avoid air pockets. (Figure 1)

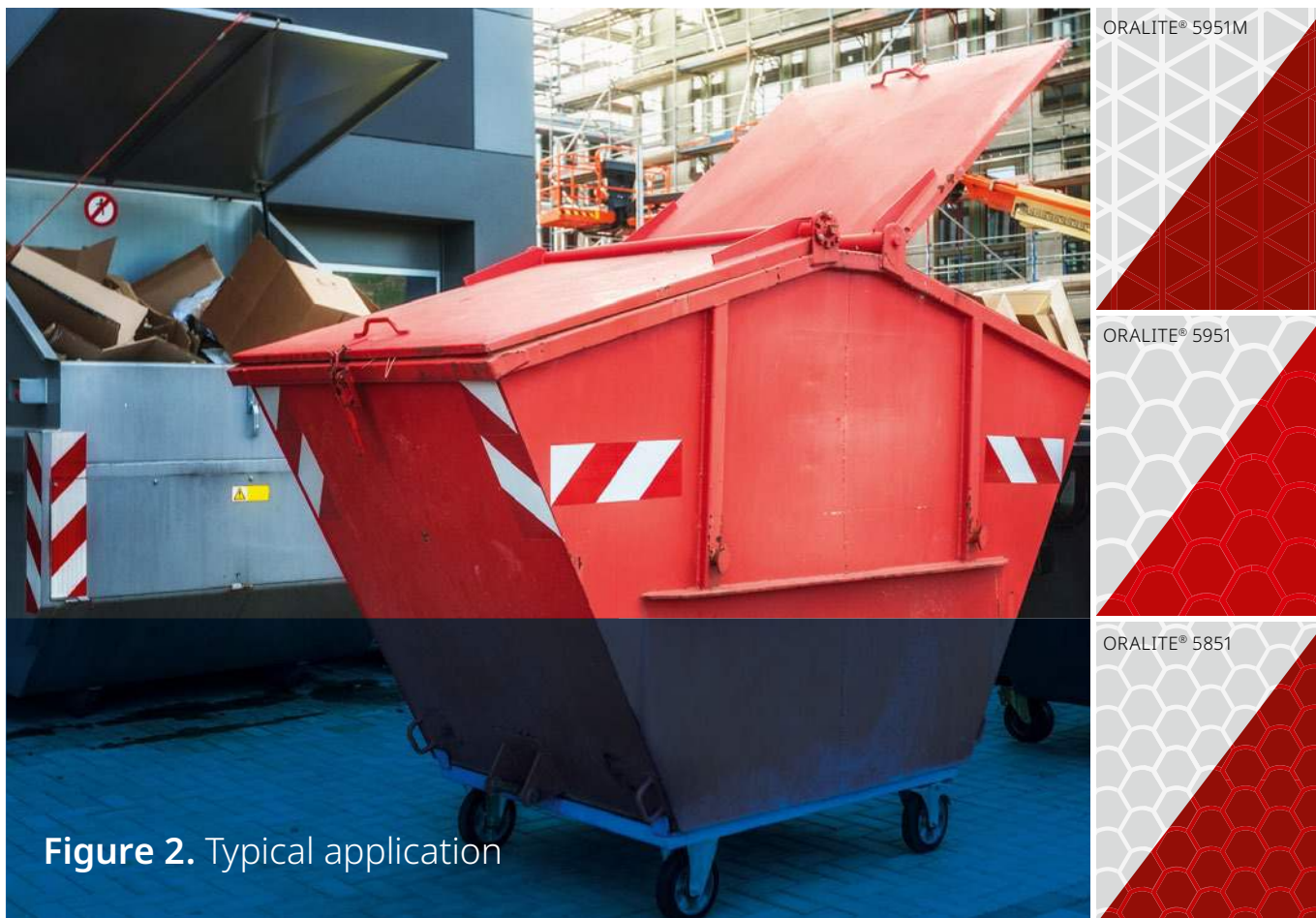
## IMPORTANT - Application Conditions

The Oralite® Container Marking Grades are approved for application to painted and polyolefinic surfaces. For optimum adhesion and performance, the material must be applied to surfaces that are free of dust, dirt, debris and grease. Materials must be applied when ambient and substrate surface temperatures are between 12°C and 35°C. The reflective material must be applied under dry conditions only!

When applying material to freshly painted surfaces, be sure to let the paint dry and cure completely before applying the ORALITE® material.



**Figure 1.** Application of material to surface



**Figure 2.** Typical application

**Package Contents**

All are available as application kits.

Each kit includes:

- 10 sets (totalling 80 blanks)
- 1 set comprises 4 films pointing to the left and 4 films pointing to the right, each measuring 705 mm x 141 mm

**Cleaning of Films**

Add a standard rinsing agent to water. After washing, be sure to rinse the surface with clear water and dry it. If using a high pressure cleaner, the distance between the vehicle and the cleaning nozzle should be at least 50 cm. Do not direct the steam jet directly at the edge of the film.

	<b>ORALITE® 5951M</b>	<b>ORALITE® 5951</b>	<b>ORALITE® 5851</b>
<b>Grade</b>	Flexible Prismatic Container Marking Grade	High Intensity Prismatic Container Marking Grade	High Intensity Container Marking Grade
<b>Construction</b>	Prismatic, metalised, single-layer film	Prismatic, Air-backed, double-layer material	Encapsulated glass bead, double-layer material
<b>Durability</b>	5 years	5 years	5 years
<b>Flexibility</b>	Flexible	Not flexible	Not flexible
<b>Permanent adhesive</b>	+	+	+
<b>Approved by BAST</b>	+	+	+
<b>Easy to apply</b>	+	+	+
<b>Withstands power washing</b>	+	-	-
<b>Standard size</b>	705 mm x 141 mm	705 mm x 141 mm	705 mm x 141 mm



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**ORAFOL Europe GmbH**  
Orafolstraße 1, D-16515 Oranienburg, Germany

Tel: +49 (0)3301 864-0 / [reflective.solutions@orafol.de](mailto:reflective.solutions@orafol.de)

Find out more about our products at:  
[www.orafol.com](http://www.orafol.com) · [www.orafoleurope.com](http://www.orafoleurope.com)

