

Multi-fix Series 8500

Description

Multi-fix 8500 is a flexible reflective film, providing wide angle reflective of incident light and giving excellent night and day visibility. The film consists of microscopic glass beads of high optical quality, embedded in a coloured film reacting as lenses. A metallised back provides the mirror surface reflection.

This film is very flexible and is easy to cut and to weed, it can be applied on curved or corrugated surfaces.

Construction

Vinyl: 115 microns

Adhesive: High quality solvent based permanent white acrylic adhesive.

Backing paper: Highly stable 150 gsm white PE coated paper.

Durability

5 to 7 years in vertical weathering in central European climate.

Typical uses

Multi-fix 8500 is a marking film designed for 24 h day eye-catching decoration and identification. Multi-fix 8500 is designed for promotional panels and vehicle markings where application on riveted or corrugated surfaces may be required.

Shelf life

1 years when stored at moderate 20°C and 50% relative humidity.

Temperature ranges

Application	> 10°C
End-use	- 20°C to + 90°C
Storage (optimum)	20°C

Physical Properties

1. Vinyl

Thickness	115 µm	
Tensile strength at break: N/mm ² (speed 200mm/min)	>1.5KN/m	DIN 53455
Elongation at break	> 100%	DIN 53455

2. Adhesion (FTM 1)

Adhesion 20min: >20 N/mm
1 week on stainless steel > 26N/25mm

3. Technical data.

Reflectivity:

(at -4° entrance angle and 0.2° observation angle) / White: 70 cd/lux/m²
/ Colours: 3 > 50 cd/lux/m²

Chemical resistance

Resistance to solvents and chemicals: Resistant to most oils, greases, fuel, aliphatic solvents, acids, salts and alkalis.

Flammability (ISO 3795) : Self-extinguishing, applied on aluminium

Important Notice

All surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination. The compatibility of paints and lacquers should be tested by the end user, prior to use.

All Multi-fix products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning Multi-fix products is based upon research which the Company believes to be reliable although such information does not constitute a warranty.

Because of the variety of uses of Multi-fix products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages.

All specifications are subject to change without prior notice.

Series 8800

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