

# **Multi-fix Series 5299 One way vision**

## **TECHNICAL DATA SHEET**



A Bemis Company

### **1. Product description**

Multi-fix series 5299 is a white PVC face film with approximately 50% of material perforated to achieve one way visibility. On window application the material allows approximately 50% light transmission.

### **2. Product construction**

Face material: Perforated with 1.5mm holes, 200 $\mu$  soft white vinyl film with black reverse side

Adhesive: Semi permanent clear acrylic

Backing paper: White 160gsm coated kraft liner with clear back laminate..

### **3. Shelf life:**

1 year when stored at 15 to 25°C and 50% relative humidity. (In the original packaging)

### **4. Temperature ranges**

Application	> 10°C
Service range temp.	- 15°C to + 120°C
Storage	15°C to 20°C

### **5. Physical properties of the unprinted film**

#### **\* Vinyl**

Thickness	200 $\mu$
Dimensional stability	0.2%max

#### **\* Adhesive**

Quick –tack on glass	6 +/- 2N/25mm (Finat 9)
Peel 24h on glass	4.5 +/- 2N/25mm (Finat 1)

### **6. Durability**

The durability for this product is two years, the actual durability of the printed graphics is depending on the inks and the over laminates used. Some adverse reaction can occur when applying 5299 to certain substrates, such as acrylics, polycarbonate, polystyrene, plasticized PVC or certain paints. This reaction can have a negative effect on the adhesion performance.

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### **7. Recommendations**

#### **Application**

Prevent from contact with solvent or ammonia based cleaner. Clean window with soap and water. Rinse and dry glass after cleaning.

The dry method is recommended. The wet application method is not recommended due to the fact that the moisture will become trapped between the perforation and the over laminate therefore affecting the “see trough” visibility.

#### **Important Notice**

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.

[www.multi-fix.com](http://www.multi-fix.com)