

## Multi-fix Series 7100

### Description

Multi-fix Translucent 7100 is the proven solution for long-lasting illuminated signs and window graphics. It is available in 41 satin colours. Translucent 7100 is uniform in transmitted and reflected light and the satin surface-finish prevents undesirable glare. Multi-fix adhesive is repositionable which means placement errors can be corrected before adhesive cures. Multi-fix can be removed from most substrates after many years without leaving adhesive residue. This is a major benefit over competitive brands of vinyl. Translucent 7100 contains high-grade polymeric plasticisers to enhance durability. Backing paper is printed with a distinctive green trade mark.

### Construction

Vinyl: polyvinyl chloride, polymeric, stabilized, UV protected, precision calandered, cadmium free

Adhesive: solvent-based acrylic, clear, pressure sensitive, permanent

Backing paper:kraft, clay-coated, double calandered, siliconised one side

### Durability

Average durability is five to seven years in middle European weather conditions. Exposure to severe temperatures and intense ultra-violet light and conditions in southern-European countries, tropical, sub-tropical, desert regions, in industrially polluted areas or high altitudes, may reduce durability to five years or less. Correct substrate preparation and maintenance of vinyl will enhance durability.

Shelf life

3 years when stored at moderate temperature and humidity.

### Temperature ranges

Application	> 10°C
End-use	- 40°C to + 90°C
Storage (optimum)	15°C to 20°C

### Physical Properties

#### 1. Vinyl

Thickness	75my	DIN 53353
Tensile strength at break: N/mm <sup>2</sup> (speed 200mm/min)	MD min. 18 CD min. 18	DIN 53455
Dimensional stability: (48h at 70°C)	<0.5% shrinkage	
Elongation at break	MD min.100% CD min.130%	DIN 53455

## **2. Adhesive**

Weight: 23 gr/m<sup>2</sup>  
Adhesion: >19 N/mm (Finat-1 test method)  
UV resistance: 5-7 years

## **3. Backing paper**

Thickness: 120 my  
Weight: 120gr/m<sup>2</sup>

## **Chemical resistance**

The vinyls are resistant to most oils and fats, fuels, aliphatic solvents, mild acids, salts and alkali such as:

Test agent	Test time	Test result
Salt water 10°C to 75°C	2000h	no effect
Motor oil 20W/50	500h	no effect
Transmission fluid	500h	no effect
Antifrost	500h	no effect
Petrol	24h	no effect
Test method	Samples of Multi-fix series 7100 were applied to enameled steel-sheet one hour before testing. Samples were immersed in the specified test-agent at room temperature then removed after the test times noted above.	

## **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.

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