

Multi-fix Series 5400

Description

Multi-fix Transparent 5400 is the proven solution for long-lasting window graphics. It is available in 12 superglossy colours in widths up to 1.22 metres. 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. Transparent 5400 contains high-grade monomeric plasticisers to enhance durability. Backing paper is printed with a distinctive red trade mark.

Construction

Vinyl: PVC-vinyl monomeric, superglossy, UV- stabilised, 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 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

2 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	80my	DIN EN ISO 2286-3
Tensile strength at break: N/mm ² (speed 200mm/min)	MD min. 18 CD min. 18	DIN 53377
Dimensional stability: (48h at 70°C)	<0.5% shrinkage	
Elongation at break	MD min.100% CD min.130%	DIN 527-3/2/200

2. Adhesive

Weight: 23 gr/m²
Adhesion: >19 N/mm (Finat-1 test method)
UV resistance: 5 years

3. Backing paper

Thickness: 140 my
Weight: 140gr/m²

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 5400 were immersed in the specified test-agent at room temperature then removed after the test times noted above.	

Important Notice

The above information is based upon data we believe to be reliable. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material for their specific purpose.

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www.multi-fix.com

MULTI-FIX N.V. BOSDEL 43 PB 85
Tel. ++.32.(089) 35.31.15

3600 GENK BELGIUM
Fax. ++.32.(089) 35.21.91