

# TECHNICAL REPORT



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## Trade Mouldings Limited

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For the attention of Mr Austin MacOscar

Our Ref: TMGAF29052  
Your Ref: 1001 ref Austin  
Date: 13<sup>th</sup> July 2009  
Delivery Date 29<sup>th</sup> June 2009  
Test Dates: 3<sup>rd</sup> -13<sup>th</sup> July 2009

## SAMPLES FOR TEST

Kitchen cabinet door  
Walnut wood grain effect PVC foil surfaced MDF, slab design.  
New supplier foil trials

## TEST REQUIREMENTS

Adhesion Performance BS 6222 Part 3

## PERFORMANCE SUMMARY

Adhesion Performance PASS

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## ADHESION PERFORMANCE BS 6222 PART 3

The submitted samples were tested for adhesion according to the method described in BS 6222 Domestic Kitchen Equipment Part 3:1999 Performance requirements for durability of surface finish and adhesion of surfacing and edging materials-Specification. Clause 8/8.3 Performance of other surfaces

### TEST PROCEDURE SUMMARY

The samples were exposed for 84±12 hr at 40°C in a dry air circulating oven. After this exposure period the bonds were examined and a given a performance rating the significance of which is described in Table 1. The temperature of the oven was raised in 10°C steps up to either 60°C or 70°C<sup>(1)</sup>, depending on panel type, with the panels remaining at each temperature for 84±12 hr.

**TABLE 1**

RATING	SIGNIFICANCE
5	No spontaneous delamination, will not peel
4	No spontaneous delamination, peels with difficulty
3	No spontaneous delamination, peels with ease
2	Some spontaneous delamination
1	Complete spontaneous delamination

### REQUIREMENTS - BS 6222 PART 3 1999 TABLE 2

SURFACE AND EDGING MATERIALS	MINIMUM PERFORMANCE
Rigid and semi-rigid surface Materials( e.g. plastics laminate, wood veneer, paper foil and PVC rigid or semi-rigid foil)	40°C - rating 4 50°C - rating 4 60°C - rating 4 70°C - rating 4(a)
Edgings, lipping and continuous strip handles	40°C - rating 4 50°C - rating 4 60°C - rating 3

(a) Only applies to the surface laminate on worktops

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## RESULTS

### ADHESION PERFORMANCE BS 6222 PART 3:1999

SAMPLE: WALNUT WOOD GRAIN EFFECT FOIL DOOR – NEW SUPPLIER TRIALS				
BOND TYPE	PERFORMANCE RATING			
	AS RECEIVED	40°C	50°C	60°C
Surface	5	5	5	5
Edge 1	5	5	5	5
Edge 2	5	5	5	5
Edge 3	5	5	5	5
Edge 4	5	5	5	5
Backing	5	5	5	5
<b>STATUS</b>	<b>PASS</b> All surface and edging bond remained secure during test up to 60°C.			

\*Failed Area

TESTED BY: L PRICE



APPROVED BY: V TAYLOR (SECTION HEAD - CABINET MATERIALS TECHNOLOGY)