Front Runner®

Product Specification
& Technical Detail

Commercial Fabric by Melded Products

www.meldedproducts.com

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Introduction

PLEASE READ ALL INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION

Front Runner® from Melded Products Group is a fabric range designed and manufactured in Australia for the Australian Commercial Interiors market.
The construction of the fabric results in substantial benefits in-situ, such as non-fray edges, dimensional stability, lightweight structure, along with superior abrasion resistance.

Areas of Use

The fabrics contained in the Front Runner® range are suitable for a variety of areas including screens, workstations, partitions, walls, noticeboards, acoustic panels, upholstery, shop fitting and display.

Adhesives

All surfaces to be bonded shall be dry, smooth, sound and clean.
It is recommended that all porous substrates including plaster surfaces should be primed using RLA Polymers Green Solutions GS400 Primer and allowed to dry for 24 hours prior to application of the adhesive. Painted surfaces should be lightly sanded before applying adhesive. Very porous surfaces may require additional coatings of primer. Always follow the manufacturer's directions and instructions.

Recommended adhesive: **RLA Polymers Green Solutions GS220**

RLA POLYMERS PTY LTD
215 Colchester Road, Kilsyth, Victoria 3137, Australia
Telephone (03) 9728 1644
Facsimile (03) 9728 6009
Email: info@rlapolymers.com.au
www.rlapolymers.com.au

For ease of application, this type of adhesive allows for some slippage during installation. For higher tack requirements, please discuss the application with your adhesive supplier or distributor.

Apply adhesive evenly to the panel/substrate (not the fabric) using either a roller or a 1.6mm V1 Trowel.
Approximately 1 (one) litre of adhesive per 7m^2 of panel/substrate area is required for roller application
Approximately 1 (one) litre of adhesive per 5m^2 of panel/substrate area is required for trowel application
Do not use excessive glue which may ooze through the fabric resulting in unsightly surface marks.
If adhesive should get on to the fabric surface it should be removed with a damp cloth before the adhesive dries - or as recommended by the adhesive manufacturer.

When using contact adhesives please ensure:

Adequate ventilation of the area is essential.
If adhesive should get on to the fabric surface it should be removed with a damp cloth before the adhesive dries - or as recommended by the adhesive manufacturer.
Do not use coloured contact adhesives as the colourant may bleed to the fabric surface.

For application directly to new or existing PVC vinyl covered surfaces, a dedicated water based "vinyl-to-vinyl" type adhesive may be more suitable. Other specialised water based adhesives can also be effective and specific requirements should be discussed with the adhesive manufacturer.

ALL ADHESIVES SHOULD BE USED IN ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS AND INSTRUCTIONS

Installation Hints

Before cutting, examine goods to make certain colour and pattern are satisfactory and as ordered.
Check batch numbers on the roll label. Due to batch to batch variation do not attempt to butt join different batch numbers (except for joins at 90°).
Where possible use a single batch for a defined area. If multiple batches have to be used then select batches which merge with each other.
Ensure each strip is hung in the same direction to avoid apparent colour differences caused by pile direction changes.
Check each strip for faults. Minor faults are identified with a plastic tag at the edge of the fabric and a standard allowance is given for these faults.
Keep short sections for other areas of the job.
Hang the fabric from the top, gradually working down. Light pressure will ensure an effective bond; avoid using wallpaper or vinyl rollers particularly on fabric joins.
Remove excess adhesive immediately after each seam is completed via the methods described earlier.
After three strips of fabric have been installed, examine the fabric for colour uniformity. Any objectionable variations in colour must be immediately communicated to your distributor's representative, or your Melded Products Group representative.

Acoustic Properties

Not only does the textural appearance of Front Runner® aid designers in creating the feeling of a quiet environment, it also contributes an important functional role in absorbing sound. The absence of back coatings or chemical binders ensures that they are at their most effective when applied over an acoustically absorbent substrate. The open, air permeable construction of the fabric will allow the absorbent backing to function most effectively. Please note that Melded Products Group recommends that a qualified acoustic engineer be consulted where a significant noise reduction or specific result needs to be achieved.

Product Specifications

Front Runner®	
Specification	
Fabric Texture	Plush Rib
Standard Width	140cm & Selected colours at 188cm
Roll Length (Nominal)	50m
Fabric Weight	300 gm/m² - 340 gm/m²
Fabric Thickness	3mm ± 0.5mm
Standard Colour Range	25 colours
Thermally Bonded Composition	Nylon / Polyester Blend

Flammability

Front Runner® furnishing fabrics have been tested to AS1530.3.1989 and have achieved the following excellent results.

Standard	AS1530.3.1989
Ignitability Index	10 (Range 0 - 20)
Spread of Flame Index	0 (Range 0 - 10)
Heat Evolved Index	3 (Range 0 - 10)
Smoke Developed Index	4 (Range 0 - 10)

The unique melding technology used to manufacture Front Runner® produces a relatively light weight material that does not contain additional chemical binding or foam backing.

Like all textiles, Front Runner® can be made to burn under certain circumstances. The values quoted above are as required by the building Code of Australia.

Copies of flammability certificates available on request.

Cleaning & Maintenance

Front Runner® is treated with an anti-static agent during production and therefore not only resists soiling and liquid spills, it will not attract dust and dirt. Whilst this treatment is an integral feature of this fabric, the product still requires occasional cleaning. Light vacuuming on a regular basis will limit the amount of dust build up in the fabric.

The following points should assist in the cleaning and maintenance of Front Runner®.

- Always check a proposed cleaning method in a concealed section before cleaning as some cleaning agents can adversely affect adhesives and the substrate surface.
- Protect from excessive direct sunlight.
- Avoid unnecessary severe abrasion.
- Use only upholstery shampoo. Do not use dishwashing or laundry detergents.
- Vacuum to restore pile - do not use a stiff brush.

Problem Stains

The golden rule with all stains is to attend to them as soon as possible. Some staining substances chemically react with fibres and permanent staining may result unless immediate “first aid” action is taken. The table below lists some common stains and the recommended cleaning treatment. The actions listed below should be used in conjunction with the treatment table (*see fig 1.2 - following page*) to address certain common stains.

A. Mop up excess liquids as soon as possible with a sponge or cloth.

B. Remove surplus solids with a knife edge or appropriate instrument.

C. Sponge with carpet shampoo working from well outside the stain in a circular motion. Sponge afterwards with warm water and mop up moisture with a clean dry cloth. Allow to dry and brush gently. If any stain remains, sponge with a 1 to 6 dilution of household bleach (eg. White King) and water. Thoroughly rinse immediately after treatment.

D. Lightly sponge with a household dry cleaning fluid and blot. Use sparingly as the substance may have an adverse effect on the glue.

E. Sponge with methylated spirits and blot dry.

F. Lubricate the stain with petroleum jelly or glycerine.

G. Sponge with turpentine (or substitute).

H. Freeze with ice cubes and scrape away while cold.

I. Clean with regular extractive carpet cleaner (if possible).

Treatment Table

Treatment (in sequence 1 – 5)					
Stain	1	2	3	4	5
Bleach	A	C			
Blood	A	C			
Chewing Gum	H	B	D	C	
Chocolate	B	D	C		
Cosmetics	B	D	C		
Crayon	B	D	C		
Cream	A	C			
Dust & Dirt	Vacuum, then I or C				
Drinks (cola, tea etc.)	A	C			
Glue	B	D			
Grease	B	D	C		
Ice Cream	A	C			
Ink - permanent	A	D	E		
Ink - non permanent	A	D	C		
Lipstick	B	E	C	D	
Mud	B	C			
Oil	A	D	C		
Paint - oil based	A	G	D	C	
Paint - water based	A	F	C		
Sauces	A	C	D		
Shoe Polish	B	C	D		
Vomit	A	C	D		
Wine	A	Add Salt		C	

Technical Information

The fibres used in Front Runner® are inherently mildew and insect resistant. The unique melding process ensures that it will not zipper or fray.

The incorporation of an anti-static agent during manufacture ensures that the effects of static electricity are rarely felt at humidities as low as 30%.

The information contained within this document represents the typical physical properties of Front Runner®. In presenting the information contained in this brochure, Melded Products Group cannot claim to serve in any but an advisory capacity, and can undertake no liability. All recommendations regarding the use of our products should be modified, if necessary, to conform to local conditions, methods of assembly and materials.

Service

For further information on the Front Runner® range, copies of the test reports, or information about other Melded Products fabrics please contact your local distributor or Melded Products Group within Australia on +61 3 8791 9200 or email sales@meldedproducts.com.

Melded Products Group is a quality accredited supplier and all ranges are manufactured to the ISO9001 Quality System.

Manufactured by:

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