

Railway Interiors Expo 2010

Presentation

By MACtac Asia Pacific







Bemis Organisation

US Listed Fortune 500 Company

BEMIS

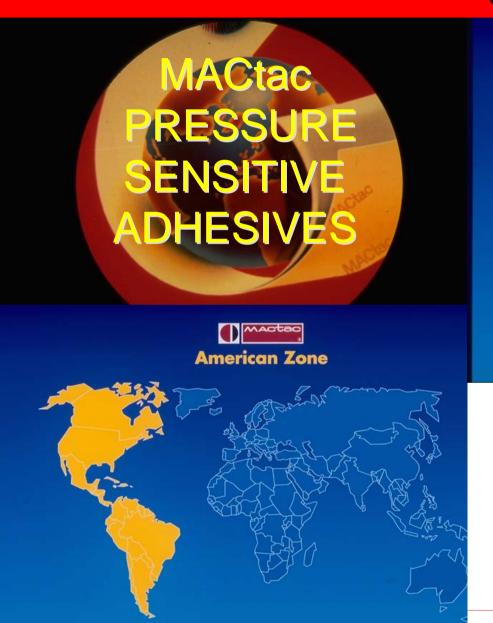
® (R

Flexible Packaging Materials





MACtac Organisation



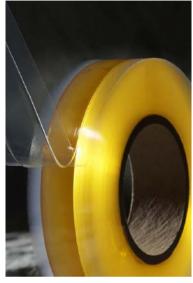


With more than 50 yrs manufacturing experience in pressure sensitive films



MACtac®: Technical Products

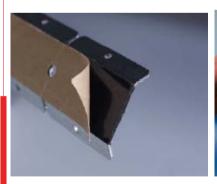


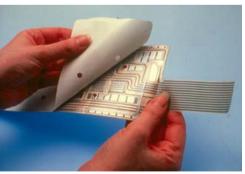




MACfoil Insulation

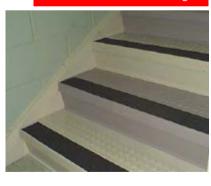
MACbond - MACmount - MACtouch
Bonding - Mounting- Electronics

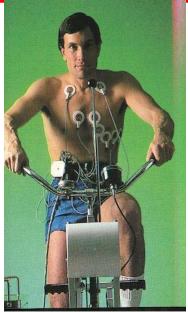




Specialties

Medical-Safety







BU Graphic & Decorative

Plotter cutting films



Specialities



Screen printing films



Digital printing films/papers + protective films





MACtac Organisation





-MACtac's philosophy
- continue to innovate &
introduce new products while
finding ways to improve
current applications and uses





Application Training Center



Digital Printing & Profiling Center



Graffiti: Is it a form of art or a form of vandalism?







Application of Complex SAG 500

- treatment of surface against rust; deep scratches & knocks
- Ensure flat surface
- Application of strips of colored films







Application of Complex SAG 500











Application of Complex SAG 500



- Safe and easy graffiti removal
- Cost effective
- Shorter downtime
- Matching livery colours (corporate stripes)
- Very high gloss finish
- Easy cleaning & maintenance cum repair
- Easy film removal with minimum adhesive residue

















SAG 500 – Corporate Livery Colors

Asian Games Graphics with Digitrans onto SAG 500



Public Transportation

















Belgium - SNCB









































Interior Train Coaches

SAG applicable for both exterior and interior surfaces of the train

- M1 Class Test Standard (French)
- US Flamability Test Class 1
- BS Toxicity Test for Underground
- German DIN 54 837 Test





Vandalism inside train coaches









Vandalism inside train coaches









A solution: Complex SAG 500/SAG 800





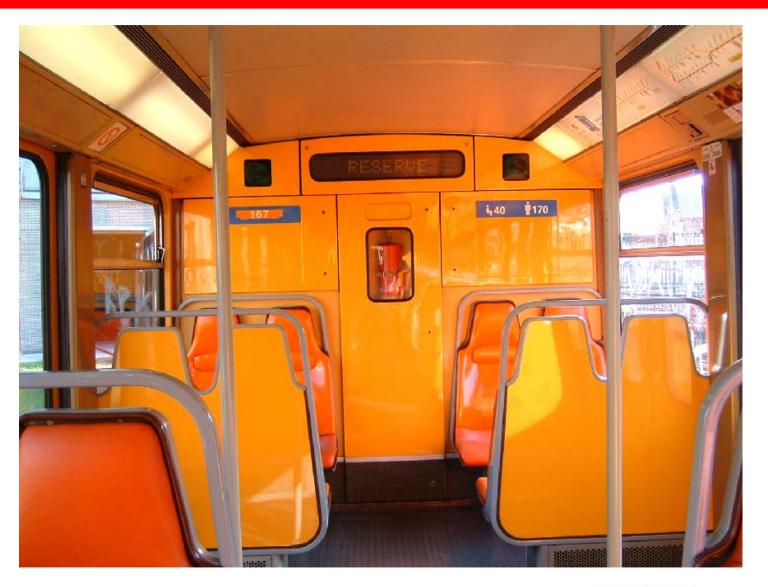
A solution: Complex SAG 500 / SAG 800



Easy to clean & maintain with SAG 500/800



A solution: Complex SAG 500 / SAG 800





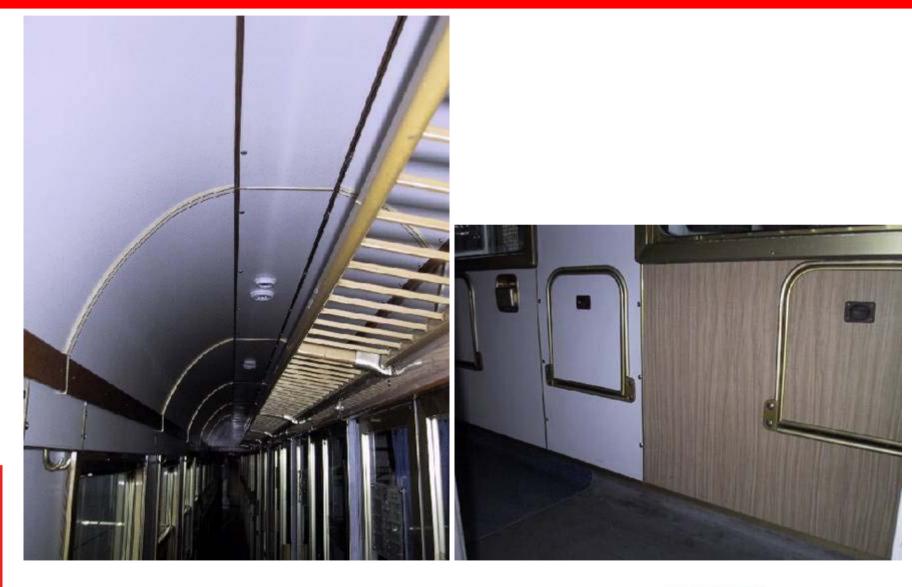
Complex SAG 800: interior protection film







Complex SAG 800: interior protection film





Public Transportation





Public Transporation



KL Monorail – Interior Graphics



Key Market segment: Glass Mural



Transparent Film with garden images

Permafun, Structured Lamination Film

Five different finishes available

- Brushed Metal,
- Coarse Grain Wood,
- Fine Grain Wood,
- Leather &
- Crystal Gloss

Main features

- For flat to slightly curved surfaces
- 5 years outdoor durability
- 1.37m x 50m
- M1 certified.

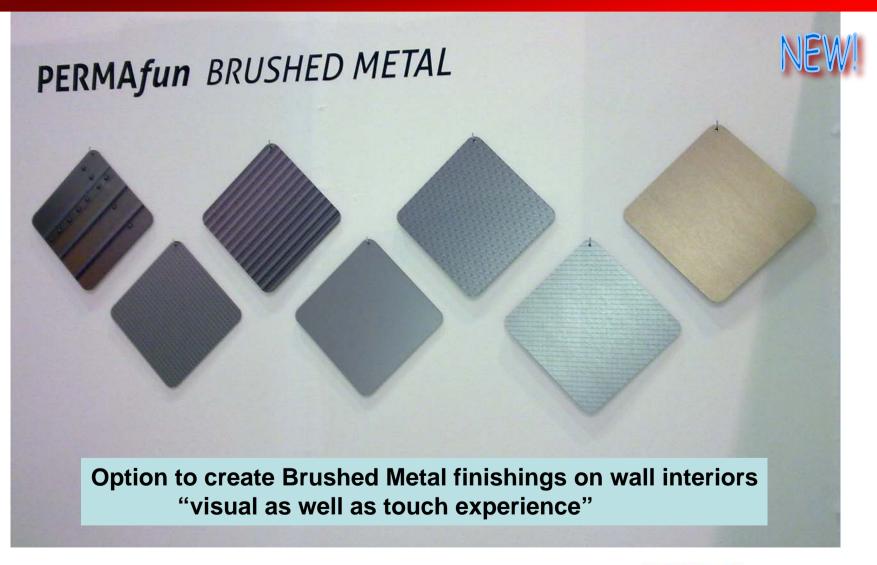
Main applications

Designed for interior decoration, shop relooking, hotels and restaurants





Permafun Brushed Metal





Permafun Coarse Grain Wood





Permafun Leather Structure





TuningFilm Carbon Fibre







Option to create carbon fibre finishings on wall interiors "visual as well as touch experience"



MACtac Eco-Friendly Products

JT 5422P (Digital Print)

Cast PP film / Emulsion acrylic adhesive / 100% Chlorine & Phthalate free / Latex & UV printable.

- JT1428 (Digital Print)
 100% PVC free / water-based printing inks / emulsion acrylic adhesive
- PG7494/8/9 (Laminating Films)
 PP film / emulsion acrylic adhesive / used in combination with
 JT5422P
- MACal Greenscreen 4827P (Silkscreen)
 PP film / emulsion acrylic adhesive / 100% Chlorine & Phthalate free / Cadmium-free / Available in sheets and rolls



Glass Protection Film



Vandalism on windows

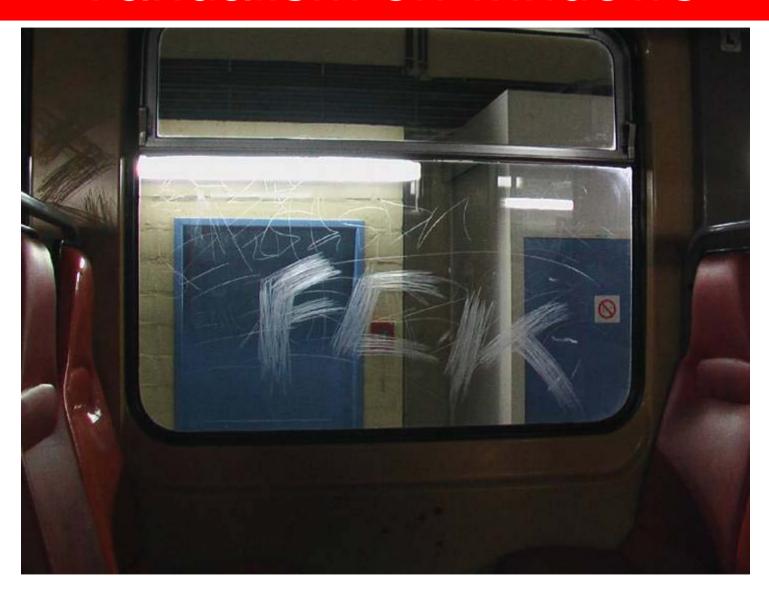




Vandalism on windows



Vandalism on windows

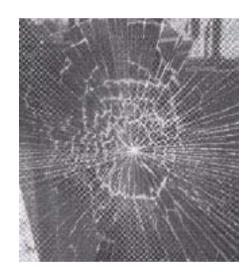




Pressure Sensitive Adhesives

Benefits

- Meets official European standard EN 12600: test on safety glass (Pendulum impact body test). Safety Performance:
 - WFS AS 100 = 2B2
 - WFS AS 175= 1B1



Protection of passengers against flying glass fragments by holding shattered glass together as well as allowing quick fire escape without razor sharp fragments hanging on the windows





Water-Soap application – thereafter ultra-clear effect is maintained

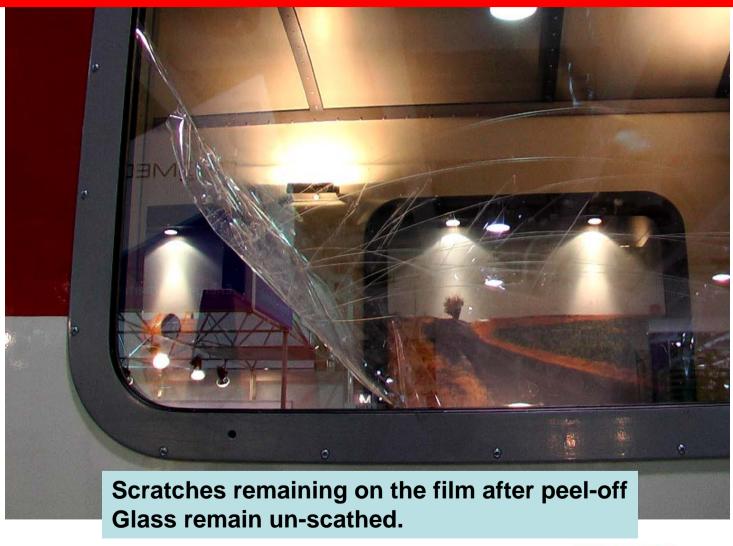














Mirror Application – ultra clear film



Also serve to protect mirrors from shattering & breaking into pieces



Mirror Application – ultra clear film



Also serve to protect mirrors from shattering & breaking into pieces

