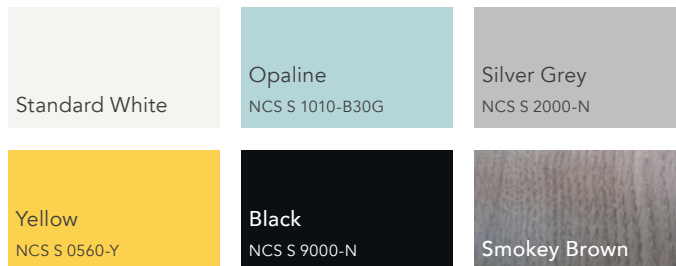


A high performance glass-fibre reinforced decorative laminate material suitable for protection and security of indoor public spaces such as airports and railway stations. The material is constructed from a glass-fibre reinforcement in a phenolic resin matrix with a durable decorative melamine surface layer. It is manufactured by a high pressure lamination process under an ISO9001 certified Quality Management System.

FEATURES

Excellent Fire Performance	Class O material under England and Wales building regulations Euroclass B under EN13501-1 – Flame Retardant – Low Smoke – Low Toxic Fume
Durable	high impact resistance
Safe Break Properties	does not create fragments when subject to impact and explosion
ASIAD Compliant	when used in MICAM wall lining systems (Aviation Security in Airport Development)
Graffiti Resistant	
Easy Clean	low maintenance surface

Colours Available in a range of solid colour and woodgrain effect surfaces



APPLICATIONS

Wall Lining Systems	in Airports and railway stations (Manchester, Heathrow, Gatwick, Glasgow, Stansted, Dublin).
Security Screens	in Airports
Barrier Systems	incorporated into TensabARRIER® systems for lane management and crowd control

		<i>units</i>	<i>test method</i>
GENERAL PROPERTIES			
Relative Density	1.9	-	
Operating Temperature	< 90	°C	
Water Absorption	30	mg/3 mm	BS 2782-430 A
MECHANICAL PROPERTIES			
Flexural Strength	>100	MPa	ISO 178
Impact Resistance Flatwise (lengthwise)	75	kJm ⁻²	BS2782-359
Impact Resistance Edgewise (lengthwise)	227	kJm ⁻²	BS2782-359
Compressive Strength	300	MPa	BS2782 345A
Co-Efficient of Thermal Expansion	1.5 x 10 ⁻⁵	K ⁻¹	ASTMD696
		<i>units</i>	<i>test method</i>
FIRE PERFORMANCE			
Spread of Flame	1	Class	BS 476 part 7
Fire Propagation Index	I < 12 i1 < 6		BS 476-6 part 6
Flammability Temperture Index	B-s1, d0	Class	EN 13501-1:2007 + A1:2009

Thickness 5mm is the standard thickness with melamine facing both sides.
Other thicknesses are available.

Sheet Size 2400 mm x 1200 mm or 3000 mm x 1200 mm
Other sizes or shapes can be machined from the standard sheets.

Environmental Halogen Free, PVC free, REACH compliant.
No ozone depleting substances are used during manufacture.