



HYGARD POLYCARBONATE

HYGARD Polycarbonate is an advanced multi-layer glazing solution engineered for high-security, high-impact and high-durability applications. Constructed with layers of extruded Polycarbonate and encapsulated between TUFFAK® AR hard-coat technology, **HYGARD Polycarbonate** delivers exceptional ballistic, forced-entry and impact performance while maintaining optical clarity, resistance to yellowing and long-term surface integrity.

KEY FEATURES

- 10 year warranty
- No spall & bullet resistant
- Resistance to yellowing
- Lightweight - 50% lighter than laminated glass
- Hard-coated surfaces
- Excellent optical clarity
- High chemical & abrasion resistant

PRODUCT APPLICATIONS

- Protective & security glazing
- Machine guards
- Safety shields
- Secure transaction booths
- Airport & transportation spaces
- Prison & detention centres
- Retail security display cases

COLOURS



Coloured swatch may not represent physical product.

PROPERTIES

GENERAL	RESULTS
Weight (32mm)	39.5kg/m ²
Cleaning: Warm soapy water & soft cloth	
MECHANICAL	
Protection Level (UL752)	Level 1,2,3 & 6
THERMAL	
Shading Co-efficient	0.81 (≈ 81%)
U Value	0.51 W.m2.k
Light Transmission	72%

PRODUCT RANGE

COLOUR	GAUGE	SIZE
Clear	19mm	2440x1220mm
Cut to size available upon request		

