



# PALGARD AR2



PALGARD Polycarbonate resists vandalism, graffiti, spray & physical attack due to a powerful combination of physical properties. It is ideal for safety glazing in public & commercial projects as well as vehicles, often used by forestry & roading contractors. PALGARD Polycarbonate is resistant to a wide variety of chemicals & the increased wear that is typical of high traffic areas. Due to its excellent UV blocking properties, PALGARD Polycarbonate is ideal for skylights & windows when security is required.

## Features

- Resistant to vandalism
- Excellent acoustical insulation
- Lightweight
- Blocks out UV
- High abrasive resistance on one or both sides
- Easy to mount & install
- Up to 86% light transmission
- Impact resistant
- High fire rating; self extinguishing
- High chemical resistance

## Applications

- Safety glazing
- Windscreens in forestry & construction machinery
- Anti-vandalism glazing
- Low volume vehicles (such as caravans, etc.)
- Prison glazing
- Industrial protective shielding
- Sound barriers
- Bus stops
- Telephone booths
- Shields for police

## COLOUR RANGE *(May not represent the physical product)*



PRODUCT RANGE/DIMENSIONS		
Type	Thickness	Length & Width
Clear (AR 2 Sides)	3.0mm, 4.5mm	2440mm x 1220mm
Clear (AR 2 Sides)	6.0mm, 9.5mm, 12.7mm	2440mm x 1220mm 2440mm x 1830mm
Green Tint & Grey Tint (AR 2 Sides)	12.7mm	2440mm x 1830mm

PANEL PHYSICAL PROPERTIES	
Type	Result
Density	1.2g/cm <sup>3</sup>
Weight (3.0mm)	3.69kg/m <sup>2</sup>
Layer Thickness	7-15UM
Light Transmission	86% (clear)
Service Temperature	-50°C - +100°C
Permanent Use Temperature	115°C
Expansion/ Contraction Rate	3.0mm/m
Fire Rating	Group 1S
Cleaning	PSP Cleaner or warm soapy water & soft cloth

**NOTE:** Uncontrolled in printed format.