



ArbourShield®

MINING PROTECTION GLASS - BY GLASSHAPE

Mining Protection Glass Specifications

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Mining Protection Glass Specifications

Name	Code	Tint	Thickness mm (Inches)	2.72kg Impact km/h (mph)	227kg Impact	OPS	FOPS	VLT Visible Light Transmission	SHGC Solar Heat Gain Co-Efficient	SC Shading Coefficient	NR Noise Reduction
ArbourShield Clear	ARBCL08	Clear	7.8mm (5/16")	101km/h (62.62mph)	-	-	-	88%	0.77	0.89	45%
	ARBCL10	Clear	9.8mm (25/64")	96km/h (59.52mph)	-	-	-	87%	0.74	0.85	54%
	ARBCL12	Clear	11.8mm (15/32")	93km/h (57.66mph)	-	-	-	85%	0.71	0.82	55%
	ARBCL14	Clear	13.8mm (35/64")	91km/h (56.42mph)	-	-	-	84%	0.69	0.80	56%
ArbourShield Grey	ARBGR08	Grey	7.8mm (5/16")	101km/h (62.62mph)	-	-	-	42%	0.61	0.7	45%
	ARBGR10	Grey	9.8mm (25/64")	96km/h (59.52mph)	-	-	-	42%	0.58	0.67	54%
	ARBGR12	Grey	11.8mm (15/32")	93km/h (57.66mph)	-	-	-	41%	0.56	0.65	55%
	ARBGR14	Grey	13.8mm (35/64")	91km/h (56.42mph)	-	-	-	40%	0.55	0.63	56%
ArbourShield-E Clear	ARB E08	Clear	7.8mm (5/16")	101km/h (62.62mph)	-	-	-	81%	0.52	0.78	45%
	ARB E10	Clear	9.8mm (25/64")	96km/h (59.52mph)	-	-	-	81%	0.51	0.76	54%
	ARB E12	Clear	11.8mm (15/32")	93km/h (57.66mph)	-	-	-	80%	0.47	0.75	55%
	ARB E14	Clear	13.8mm (35/64")	91km/h (56.42mph)	-	-	-	80%	0.44	0.75	56%
ArbourShield-E Grey	ARBGR E08	Grey	7.8mm (5/16")	101km/h (62.62mph)	-	-	-	39%	0.51	0.59	45%
	ARBGR E10	Grey	9.8mm (25/64")	96km/h (59.52mph)	-	-	-	39%	0.49	0.57	54%
	ARBGR E12	Grey	11.8mm (15/32")	93km/h (57.66mph)	-	-	-	38%	0.46	0.53	55%
	ARBGR E14	Grey	13.8mm (35/64")	91km/h (56.42mph)	-	-	-	38%	0.45	0.52	56%

Solar Performance

ArbourShield® Mining protection glass is available in four standard thicknesses to match the thickness of the original screens allowing quick and simple replacement. Although these products listed above are the standard thicknesses, special thicknesses and compositions can be manufactured for specific applications if required.



Operator Cab Safety Glass

ArbourShield® Forestry and Mining protection glass is the ultimate high impact windscreen for use in forestry harvester & mining equipment, where safety, strength and clarity are all combined in a certified solution, eliminating the need for unsightly grills and bars that only further obscure the operators view. **ArbourShield** uses a combination of glass and high grade poly-composites to offer superior protection to operators of forestry harvesting and mining equipment, whilst offering very clear vision from the cabins, increasing safety and productivity all round.