

Technical properties Polyclear

	width (mm)	colour	weight (kg)	light transmission (%)	U value (W/m ² K)	blocked energy (1-g)	sound insulation (dB)	minimum permissible cold bending radius (m) *	max. laylength (m) **	
									500N/m ²	750N/m ²
Polyclear 10mm 4-walled	980	clear	1.75	68%	2.5	35%	17	1.5	2.0m	1.6m
	1050****	clear	1.75	68%	2.5	35%	17	1.5	2.0m	1.6m
	1200	clear	1.75	68%	2.5	35%	17	1.5	2.0m	1.6m
	2100	clear	1.75	68%	2.5	35%	17	1.5	***	***
	980	opal	1.75	61%	2.5	39%	17	1.5	2.0m	1.6m
	1050****	opal	1.75	61%	2.5	39%	17	1.5	2.0m	1.6m
	1200	opal	1.75	61%	2.5	39%	17	1.5	2.0m	1.6m
Polyclear 3-walled 2 x UV 16mm	980	clear	2.6	74%	2.2	30%	18	2.4	⌘	5.3m
	1200	clear	2.6	74%	2.2	30%	18	2.4	⌘	5.0m
	980	opal	2.6	62%	2.2	38%	18	2.4	⌘	5.3m
	1200	opal	2.6	62%	2.2	38%	18	2.4	⌘	5.0m
Polyclear 3-walled 2 x UV 16/32mm	980	clear	4	74%	2.5	34%	23	-	⌘	20m
	1200	clear	4	74%	2.5	34%	23	-	14m	3m
	980	opal	4	39%	2.5	53%	23	-	⌘	20m
	1200	opal	4	39%	2.5	53%	23	-	14m	3m
TOP X5 16mm	980	clear	2.4	64%	2.0	39%	21	2.4	⌘	⌘*
	1050****	clear	2.4	64%	2.0	39%	21	2.4	⌘	⌘*
	1200	clear	2.4	64%	2.0	39%	21	2.4	6m	3.5m
	2100	clear	2.4	64%	2.0	39%	21	2.4	***	***
	980	opal	2.4	55%	2.0	46%	21	2.4	⌘	⌘*
	1050****	opal	2.4	55%	2.0	46%	21	2.4	⌘	⌘*
	1200	opal	2.4	55%	2.0	46%	21	2.4	6m	3.5m
TOP X6 16mm	980	clear	2.5	62%	1.9	39%	21	3.5	⌘	⌘*
	1050	clear	2.5	62%	1.9	39%	21	3.5	⌘	⌘*
	1200	clear	2.5	62%	1.9	39%	21	3.5	⌘*	⌘*
	2100	clear	2.5	62%	1.9	39%	21	3.5	***	***
	980	opal	2.5	48%	1.9	45%	21	3.5	⌘	⌘*
	1050	opal	2.5	48%	1.9	45%	21	3.5	⌘	⌘*
	1200	opal	2.5	48%	1.9	45%	21	3.5	⌘*	⌘*
TOP X6 25mm	1050	clear	3.3	61%	1.5	39%	22	5.3	***	***
	2100	opal	3.3	46%	1.5	44%	22	5.3	***	***
TOP X11 25mm	1050	opal	3.2	38%	1.4	55%	19	3.75	***	***
TOP X6 32mm	980	clear	3.7	60%	1.4	39%	22	7.3	⌘	⌘
	1230	clear	3.7	60%	1.4	39%	22	7.3	⌘	⌘
	980	opal	3.7	40%	1.4	46%	22	7.3	⌘	⌘
	1230	opal	3.7	40%	1.4	46%	22	7.3	⌘	⌘
TOP X11 EP 32mm	980/1230	clear	3.8	42%	1.0	57%	23	4.4	⌘	⌘
	980/1230	opal	3.8	16%	1.0	70%	23	4.4	⌘	⌘
REFLEX PEARL 16mm	980/1200	opal	2.5	26%	2.1	68%	21	2.8	⌘	⌘
REFLEX PEARL EP 32mm	980/1230	opal	3.8	12%	1.0	68%	23	4.4	⌘	⌘
PRIMALITE 16mm	980/1200	clear	2.5	42%	2.1	65%	21	2.8	⌘	⌘
PRIMALITE EP 32mm	1230	clear	3.8	30%	1.0	64%	23	4.4	⌘	⌘
	980/1230	satin	3.8	10%	1.0	82%	23	4.4	⌘	⌘
RELAX 10mm	1050	opal	1.75	52%	2.5	51%	17	1.5	2.0m	1.6m
RELAX 16mm	980	opal	2.4	47%	2.0	55%	21	2.4	⌘	⌘*
RELAX HX 32mm	980	opal	3.6	29%	1.1	56%	21	-	⌘	⌘
	1230	opal	3.6	29%	1.1	56%	21	-	⌘	6.4m
Polyclear Heatstop 1 x UV 55mm	1230	opal	5	29%	0.8	87%	23	-	⌘	5.5m

* The cold bending must be parallel to the ribs of the sheets, never crosswise (risk of buckling).

** The maximum laylength without transverse rafter. Basis is a load as mentioned, a security factor 1.5 and a maximum bend of 1/40 regard to the sheet width.

*** Impossible

**** With 1 open side

⌘ No transverse rafter necessary

⌘* Laylength 5m max.

Guarantee per type of sheet available on request
Tolerance on sizes:

thickness ± 0.5mm - width -2 / +6mm

length 0 / + 12mm till 3000mm & > 3000 0 / + 0.4%

(We recommend removing any snow from the roof.)