

AS4055 wind loads for housing

rating chart region A

TERRAIN CATEGORY 3		WIND RATING		TOPOGRAPHY		
				T1	T2	T3
FULL SHIELDING 	Wind Classification	N1	N1	N2		
	Serviceability Design Wind Pressure	500Pa	500Pa	700Pa		
	Ultimate Limit State Wind Pressure	700Pa	700Pa	1000Pa		
PARTIAL SHIELDING 	Wind Classification	N1	N2	N3		
	Serviceability Design Wind Pressure	500Pa	700Pa	1000Pa		
	Ultimate Limit State Wind Pressure	700Pa	1000Pa	1500Pa		
NO SHIELDING 	Wind Classification	N2	N2	N3		
	Serviceability Design Wind Pressure	700Pa	700Pa	1000Pa		
	Ultimate Limit State Wind Pressure	1000Pa	1000Pa	1500Pa		
		Water Penetration	150Pa	150Pa	150Pa	

TERRAIN CATEGORY 2.5		WIND RATING		TOPOGRAPHY		
				T1	T2	T3
FULL SHIELDING 	Wind Classification	N1	N2	N2		
	Serviceability Design Wind Pressure	500Pa	700Pa	700Pa		
	Ultimate Limit State Wind Pressure	700Pa	1000Pa	1000Pa		
PARTIAL SHIELDING 	Wind Classification	N2	N3	N3		
	Serviceability Design Wind Pressure	700Pa	1000Pa	1000Pa		
	Ultimate Limit State Wind Pressure	1000Pa	1500Pa	1500Pa		
NO SHIELDING 	Wind Classification	N2	N3	N3		
	Serviceability Design Wind Pressure	700Pa	1000Pa	1000Pa		
	Ultimate Limit State Wind Pressure	1000Pa	1500Pa	1500Pa		
		Water Penetration	150Pa	150Pa	150Pa	

TERRAIN CATEGORY 2		WIND RATING		TOPOGRAPHY		
				T1	T2	T3
FULL SHIELDING 	Wind Classification	N2	N3	N3		
	Serviceability Design Wind Pressure	700Pa	1000Pa	1000Pa		
	Ultimate Limit State Wind Pressure	1000Pa	1500Pa	1500Pa		
PARTIAL SHIELDING 	Wind Classification	N2	N3	N3		
	Serviceability Design Wind Pressure	700Pa	1000Pa	1000Pa		
	Ultimate Limit State Wind Pressure	1000Pa	1500Pa	1500Pa		
NO SHIELDING 	Wind Classification	N3	N3	N4		
	Serviceability Design Wind Pressure	1000Pa	1000Pa	1500Pa		
	Ultimate Limit State Wind Pressure	1500Pa	1500Pa	2300Pa		
		Water Penetration	150Pa	150Pa	200Pa	

note

Every care has been taken in supplying this information, it is offered as and should only be accepted as a general reference guide to the suitability of specific EzyClad products to particular applications. It is not intended that it reflects in detail, nor should it be assumed that it does reflect in detail an interpretation of the Australian Standards. EzyClad strongly recommends contacting Standards Australia, or Local Council Authorities for specific applications.

AS4055 wind loads for housing

rating chart region B

TERRAIN CATEGORY 3		WIND RATING		TOPOGRAPHY		
				T1	T2	T3
FULL SHIELDING 	Wind Classification Serviceability Design Wind Pressure Ultimate Limit State Wind Pressure Water Penetration	N2 700Pa 1000Pa 150Pa	N2 700Pa 1000Pa 150Pa	N3 1000Pa 1500Pa 150Pa		
	PARTIAL SHIELDING 	Wind Classification Serviceability Design Wind Pressure Ultimate Limit State Wind Pressure Water Penetration	N2 700Pa 1000Pa 150Pa	N3 1000Pa 1500Pa 150Pa	N3 1000Pa 1500Pa 150Pa	
		NO SHIELDING 	Wind Classification Serviceability Design Wind Pressure Ultimate Limit State Wind Pressure Water Penetration	N3 1000Pa 1500Pa 150Pa	N3 1000Pa 1500Pa 150Pa	N4 1500Pa 2300Pa 150Pa

TERRAIN CATEGORY 2.5		WIND RATING		TOPOGRAPHY		
				T1	T2	T3
FULL SHIELDING 	Wind Classification Serviceability Design Wind Pressure Ultimate Limit State Wind Pressure Water Penetration	N2 700Pa 1000Pa 150Pa	N3 1000Pa 1500Pa 150Pa	N3 1000Pa 1500Pa 150Pa		
	PARTIAL SHIELDING 	Wind Classification Serviceability Design Wind Pressure Ultimate Limit State Wind Pressure Water Penetration	N3 1000Pa 1500Pa 150Pa	N3 1000Pa 1500Pa 150Pa	N4 1500Pa 2300Pa 200Pa	
		NO SHIELDING 	Wind Classification Serviceability Design Wind Pressure Ultimate Limit State Wind Pressure Water Penetration	N3 1000Pa 1500Pa 150Pa	N4 1500Pa 2300Pa 200Pa	N4 1500Pa 2300Pa 200Pa

TERRAIN CATEGORY 2		WIND RATING		TOPOGRAPHY		
				T1	T2	T3
FULL SHIELDING 	Wind Classification Serviceability Design Wind Pressure Ultimate Limit State Wind Pressure Water Penetration	N3 1000Pa 1500Pa 150Pa	N3 1000Pa 1500Pa 150Pa	N4 1500Pa 2300Pa 200Pa		
	PARTIAL SHIELDING 	Wind Classification Serviceability Design Wind Pressure Ultimate Limit State Wind Pressure Water Penetration	N3 1000Pa 1500Pa 150Pa	N4 1500Pa 2300Pa 200Pa	N4 1500Pa 2300Pa 200Pa	
		NO SHIELDING 	Wind Classification Serviceability Design Wind Pressure Ultimate Limit State Wind Pressure Water Penetration	N3 1000Pa 1500Pa 150Pa	N4 1500Pa 2300Pa 200Pa	N5 2200Pa 3300Pa 300Pa

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