

SHERA ply: LEED Technical Guide



SHERA ply's distinctive features such as a high degree of recycled waste content (Post-consumer + 1/2 Pre-consumer > 65%), FSC wood substitution etc., has made the product the best choice of wood-based panel for interior decoration projects seeking to be LEED certified. Our product can directly contribute up to 10 scores of LEED Green Building Credits. Please see below table for details.

Direct Contribution for LEED Credit

LEED for New Construction 2009, LEED for Commercial Interiors 2009, and LEED Core & Shell 2009

Credits	Points	SHERA Contribution
MR 4.1 and MR 4.2 - Recycle Content : 10-20%	2 points	Post-Consumer + 1/2 Pre-Consumer recycled content > 65%
MR 5.1 and MR 5.2 - Regional Content : 10-20%	2 points	If the project is in Thailand (BKK), regional content of SHERA ply is >90% (Please check your project location)
MR 6 - Rapidly Renewable Materials : 2.5%	1 point	SHERA ply has a rapidly renewable fibre content of 10 % by weight
MR 7 - Certified Wood (<i>FSC Wood >50% of wood-based material</i>)	1 point	SHERA ply is a wood substitute product which can be used instead of wood-based product. Thus, the cost of using 50% FSC compliance portion can be reduced.
EQ 3.2 - Construction IQA Management Plan : <i>Before Occupancy</i>	1 point	SHERA ply is free from formaldehyde, contains low TVOC, and has mold resistant property. These qualities will help IAQ Testing result to conform the limits.
EQ 4.1 - Low Emission Materials <i>Adhesive & Sealant</i>	1 point	SHERA ply recommends and supplies panel adhesives which have VOCs < 50 g/L less water
EQ 4.2 - Low Emission Materials <i>Paints & Coatings</i>	1 point	SHERA ply recommends and supplies water-based clear wood finishes (lacquer) which has VOCs < 550 g/L
EQ 4.4 - Low Emission Materials <i>Composite Wood & Agrifibre Products</i>	1 point	SHERA ply has no added urea-formaldehyde based adhesive
ID S55 - Termite and Pest Control (<i>LEED for Home Only</i>)	1 point	LEED for HOME Only. CIR must be submitted to claim the score in other systems