

ECO-FRIENDLY PARTICLEBOARD

SC plus SERIES CABINETRY





IRPINIA KITCHENS STANDARD MELAMINE CARCASES in HARDROCK or WHITE, HAVE TAFILAM PANELS WHICH ARE CARB Phase 2 COMPLIANT WITH REDUCED VOC EMISSIONS OF ≤ 0.09 ppm.



IRPINIA KITCHENS "GREEN" MELAMINE CARCASES in HARDROCK or WHITE, HAVE TafiLAM-ECO PANELS WHICH ARE CARB Phase 2 COMPLIANT. THEY ARE ALSO 100% UREA-FORMALDEHYDE FREE WITH REDUCED VOC EMISSIONS AS LOW AS 0.01 ppm.



Forest friendly	✓	✓	No trees are cut to produce Tafisa products! Recovered and recycled post-industrial wood residues are used, which helps to stretch forest resources. Composite wood panels made with resins aid timber conservation since they enable wood waste (chips and sawdust) to be used in 5x more construction panels than solid wood or plywood panels. ¹
100% recovered & recycled wood fibers 	✓	✓	Urban or post-consumer recycled wood fibers are used within the Tafisa panel production mix, which enables these recycled wood fibers to have an extended life instead of ending up in landfills or being burned in incinerators. Green Cross has certified our raw particleboard panels as being 100% recycled and recovered wood fiber.
CARB air emission compliances	✓		Since the 70s and 80s, stringent testing of adhesives has greatly reduced particleboard emission levels by over 80%. ² Tafisa's Tafilam® and Tafipan® particleboard panels meet CARB Phase 1 (Jan 2009) air emission standards (0.18 ppm emissions). Our panels have also been awarded third party compliance with CARB Phase 2 (0.09 ppm, in effect as of January 2011). Production of Tafisa CARB Phase 2 compliant panels is scheduled to begin in due course.
		✓	Tafilam-Eco™ and Tafipan-Eco™ particleboard panels ensure reduced VOC emissions. Emitting as low as 0.01 ppm , they comply with CARB Phase 2 (Jan 2011) air emission criteria. They are also 100% UREA-FORMALDEHYDE FREE!
LEED (6 credits) Achieve up to 6 credits in the US Green Building Council's <i>Leadership in Energy and Environmental Design (LEED)</i> rating system for environmentally sound construction projects.	✓	✓	<i>Materials and Resources 4.1 & 4.2: Recycled Content:</i> <ul style="list-style-type: none"> • 7.5% in Canada and 10% in the US – 1 credit • 15% in Canada and 20% in the US – 1 credit
	✓	✓	<i>Materials and Resources 5.1 & 5.2: Regional/Local Materials:</i> % of all project materials are extracted, harvested/recovered and manufactured within a 500-mile radius of site <ul style="list-style-type: none"> • Minimum of 10% – 1 credit • Minimum of 20% – 1 credit
		✓	<i>Indoor Environmental Quality 4.4: Low Emission Materials:</i> Materials or laminate adhesives do not contain any additional urea-formaldehyde resins – 1 credit
	✓	✓	<i>Indoor Environmental Quality 4.5: Low Emission Materials:</i> Low-emitting Office Furniture Systems and Seating – 1 credit
Encouraging our local market	✓	✓	All fibers used in Tafisa panels are locally-sourced from post-industrial and post-consumer wood recycling plants. All Tafisa panels are manufactured locally.
Helping to mitigate climate change 	✓	✓	The photosynthesis effect of trees allows forests to convert carbon dioxide (CO ₂) into oxygen (O ₂). Forestry products effectively store carbon (C), preventing it from damaging our atmosphere. Wood-based panels are considered long-term carbon stores when used in construction applications. 1 m ³ of panel = 270 kg C = 1 ton CO ₂ equivalent! (Source: CEI Bois)

¹ www.formaldehyde.org/building/alternatives.html (The Formaldehyde Council, 2004)

² VOC Emission Barrier Effects (Technical Bulletin, CPA, 2003)