

FACTS AND GENERAL INFORMATION YOU SHOULD KNOW ABOUT THE GROWING INTEREST IN CARB AND DOORS

KEY TECHNICAL POINTS

- » All JELD-WEN® Windows and Doors sold in North America comply with CARB Phase 2.
- » JELD-WEN interior molded doors with No Added Urea Formaldehyde (NAUF) meet the highest CARB regulated rating on the market.
- » Since formaldehyde is a natural component of wood-based products, it is incorrect to make the claim that a product is 100% formaldehyde-free.

National Indoor Air Quality

Indoor Air Quality and CARB requirements are gaining nation-wide attention:

NATIONAL STANDARDS:

The "Formaldehyde Standards for Composite Wood Products Act" was signed into law by President Obama on July 7, 2010. This bill requires the U.S. Environmental Protection Agency (EPA) to adopt a national emission standard for formaldehyde based on the CARB rule. This affects the same JELD-WEN products already regulated by the CARB rule.

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What is CARB and the CARB Rule?

The CARB (California Air Resources Board) Rule refers to the Airborne Toxic Control Measure or ATCM passed on April 18, 2008. This rule regulates formaldehyde emissions from medium density fiberboard (MDF), hardwood plywood and particleboard. The CARB rule applies to the raw composite wood material used in our products that are sold into California, regardless of where they were made. Suppliers must follow specific documentation procedures in order to meet CARB standards.

How Does This Affect Me?

This Focus Is No Longer Just In California

The "Formaldehyde Standards for Composite Wood Products Act" was signed into law by President Obama on July 7, 2010. This bill requires the U.S. Environmental Protection Agency (EPA) to adopt a national emission standard for formaldehyde based on the CARB rule. This legislation affects the same JELD-WEN products already regulated by the CARB rule, and will likely draw increased media and political attention over time.

JELD-WEN — Ahead of the Curve:

Leading by example, just as consumers have become more selective and careful in purchasing home products, JELD-WEN has been limiting formaldehyde use in our products over the past several years. We proudly offer a variety of windows and doors with No Added Urea Formaldehyde (NAUF).

Many JELD-WEN products that meet or exceed the CARB rule can help builders, architects and building owners earn points toward various green building initiatives like LEED or the NAHB National Green Building Standards.

What does CARB Phase 2 and CARB-NAF Mean?

Phase 2 simply refers to the maximum amounts of permissible formaldehyde emissions on regulated wood composite products. Phase 2 requirements are "more stringent than the previous Phase 1 standard. CARB-NAF products have NO ADDED FORMALDEHYDE and meet CARB Phase 2 compliance, which adds to exceptional indoor air quality.

Q1. The door is CARB compliant isn't it NAF too?

Not necessarily. A CARB compliant product means that, in this case, the door has levels of formaldehyde that is generally accepted by the state of California as being healthy. Trace amounts of formaldehyde are legally allowed in CARB compliant products. No Added Formaldehyde (NAF) means that no formaldehyde was added during the manufacturing process. Keep in mind that all wood products have natural occurring formaldehyde in them, so even if formaldehyde isn't used during the manufacturing process it may be present in incredibly low levels during testing.

Q2. Do we still offer an NAF option with any or all of our molded interior doors?

Although several of our interior door skin styles are NAF, we have chosen to provide NAUF door skins and NAUF full door ordering options to our customers. All of our molded interior door skins are NAUF, which test better than CARB Phase 2 requirements, and are GreenGuard Gold certified.

Q3. Do we still offer NAUF options with any or all of our molded interior doors?

All of our molded door skins are NAUF and CARB phase 2 compliant. The door skins are always NAUF but the entire door would need to be ordered as NAUF since the interior material (S&Rs, lock blocks or solid core) is not always ordered as NAUF.

Q4. Is NAUF an option or is it standard and available through Lowe's or Home Depot?

The NAUF door option is available as special order through any vendor but all of our door skins are NAUF. Most customers are looking for the entire door to be NAUF so the customer should order the door as NAUF if required.

Q5. What is GREENGUARD Gold and why do we have this certification?

We have recently tested and received GREENGUARD Gold certification through UL for our molded and primed interior hollow and solid core doors. Our flat panel doors tested at GREENGUARD Gold standards. GREENGUARD Gold indicates that our doors test with no formaldehyde present. The testing protocol used complies with CA 01350 and provides our customers added piece of mind that our products are good for their indoor environment. We obtained these voluntary certifications because of the NAUF, NAF and VOC questions we frequently receive.

JELD-WEN interior door slabs including Tria, Molded and Flush comply with CARB regulations:

All measures are in parts per million (ppm)	Key JW Doors	Current HUD Standard	Phase 2 In Effect	JELD-WEN Phase 2 Compliance
Particleboard	» Hollow Core – pb lock block » Solid Core – with pb	0.30	.09	» Compliant » NAF core available
Thick MDF > 8mm thick	» Tria » Doors with mdf stiles/rails	N/A	.11	» Compliant
Thin MDF < 8mm thick	» Molded Doors » Raw and Primed Flush	N/A	.13	» Compliant » NAF and/or ULEF Molded skins available

CARB Phase 2 Compliant JELD-WEN Products:

- » Molded Interior Door Slabs
- » Tria Interior Door Slabs
- » Flush Interior Door Slabs
- » Authentic Wood Interior and Exterior Door Slabs
- » Pre-Hung Door Assemblies – Made with Phase 2 compliant particleboard or MDF (components cannot be veneer wrapped particleboard or MDF). The door slabs used must also be CARB compliant.

CARB Phase 2 Exempt JELD-WEN Products:

- » Steel Door Slabs (Contours, Energy Saver, Gladiator, Finishield)
- » Fiberglass Door Slabs (Design/Smooth Pro, Architectural)
- » Custom Wood Door Slabs (must not contain composite wood)
- » Wood, Vinyl and Aluminum Windows (excluding some bay and bow assemblies)