

# Formaldehyde Emission

Owens Flooring by Quanex Building Products' engineered hardwood flooring, identified as compliant to California Air Resource Board regulation 93210.0 for Formaldehyde Emission, are manufactured with CARB Phase 2 compliant composite wood products.

These composite wood products are certified to meet formaldehyde emission (off-gassing) limits established by the California Air Toxic Control Measure:

Hardwood Plywood                      CARB Phase 2                      limit 0.05 ppm

For more information visit <http://www.arb.ca.gov/toxics/compwood/compwood.htm>

Organic materials emit formaldehyde at varying rates. The California ATCM regulates formaldehyde emission from composite wood products. Independent testing performed on our manufactured/assembled unfinished product identified average formaldehyde emissions.

**Test Date:** 9/26/07  
**Specimen:** 3" x 5/8" Red Oak Select Unfinished PlankFloor®  
(representative sample all 5/8" Unfinished PlankFloor® products)  
**Test Facility:** Hardwood Plywood & Veneer Association Laboratory and Testing Service - Reston, VA  
**Test Method:** ASTM E1333 Large Chamber  
**Analytical Method/Results:**  
Chromotropic Acid, NIOSH 3500                      0.04 ppm average  
DNPH, NIOSH 2016    0.025 ppm average

