ALEXANDRA
PARQUETS

SIGNATURE
OILED FLOORS

# LEED® TECHNICAL DATA SHEET

## COMPANY

An innovator by means of rigorous procedures/standards and a committed team of experts, Parquets Alexandra offers hi-tech products of the highest quality.

## CONSISTENT, PROVEN PROCESSES

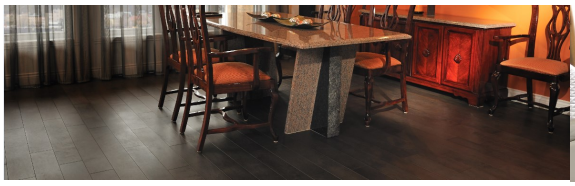
In the spirit of developing a product that blends beauty and quality, two collections were created: Signature, pre-oiled floors, and Expression, prefinished floors. These are two distinct finishes that each offer a range of species and colours to let you express yourself with style – and with no compromise in quality.

Parquets Alexandra stood apart very quickly, not just for the quality of its products but also as the first Québec Company to offer a pre-oiled flooring collection in solid hardwood and engineered technologies.

## PRODUCTS THAT SURPASS THE INDUSTRY'S QUALITY STANDARDS

In Québec, and now across Canada, Parquets Alexandra is continuing its expansion by building on quality: quality in its products, its team, its distributors and, of course, its customer relationships.

Just like its founder, Parquets Alexandra has the qualities and the personality that make it a name to remember.



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**Vertima record number: FVERT-13-1022-05-AN**
**In effect since:** June 2014
**Last update:** June 2014
**Technical Data documented and validated by:** www.vertima.ca

ALEXANDRA PARQUETS

SIGNATURE OILED FLOORS

## SIGNATURE COLLECTION

Parquets Alexandra has chosen to highlight wood's great nobility by launching the Signature collection, a top-quality range of oiled products.

Using natural oils, this collection of pre-oiled flooring attracts attention for its beauty and its respect for the environment. The Signature collection is made of select, top-quality wood.

The application of superior natural oils lets the floor breath and helps it adapt better to the vagaries of its environment. The plant-derived oils applied on each of our boards are non-hazardous and give off no chemical fumes after being laid.

| LEED® Canada-NC 2009 system summary table | | | | | Potential contribution of PARQUETS ALEXANDRA's SIGNATURE COLLECTION |
|---|---|---|---|---|---|
| Category | | Prerequisite | Minimal number of points required | Maximal number of points required | LEED® Canada NC 2009 |
| SS | Sustainable Sites | 1 | 8 | 26 | **0 points** |
| WE | Water Efficiency | 1 | 3 | 10 | **0 points** |
| EA | Energy and Atmosphere | 3 | 6 | 35 | **0 points** |
| MR | Materials and Resources | 1 | 7 | 14 | **2 points** |
| IEQ | Indoor Environmental Quality | 2 | 8 | 15 | **2 points** |
| ID | Innovation and Design | 0 | 2 | 6 | **1 point** |
| RP | Regional Priority | 0 | 2 | 4 | **1 point** |
| **Total** | | **8** | **36** | **110** | **Up to a total of 6 points** |

** It is important to consider that the total amount of possible points reflects the number of achievable points in each credit categories. The product by itself cannot achieve this score, as defined above, but is considered as a beneficial element in order to achieve LEED® credits.*

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ALEXANDRA PARQUETS

SIGNATURE OILED FLOORS

| POTENTIAL FOR LEED® CANADA | CONTRIBUTION NC 2009 REQUIREMENTS |
|---|---|

MATERIALS AND RESOURCES (MR)

| CREDITS | DURABLE STRATEGIES | POTENTIAL POINTS | CREDIT RELEVANCE |
|---|---|---|---|
| MR 5 | Regional materials | 1-2 points | Direct |

## Requirements

Use building materials or products that have been **extracted, harvested, recovered and processed** within **800 km** (500 miles) (**2,400 km** if shipped by rail or water) of the **final manufacturing site.**

Demonstrate that the final manufacturing site is within **800 km** (500 miles) (**2,400 km** if shipped by rail or water) of the project site for these products.

If only a **fraction of a product** or material is **extracted, harvested, recovered, processed** and **manufactured** locally, then only that percentage (by weight) must contribute to the regional value. The minimum percentage of regional materials for each point threshold is **20%** (1 point) or **30%** (2 points).

## CONTRIBUTION AND COMPLIANCE* SIGNATURE COLLECTION

### COMMENTS

**PARQUETS ALEXANDRA**'s **SIGNATURE COLLECTION** is a pre-oiled engineered flooring can contribute to this credit, depending on the selected species. Indeed, the maple, oak and birch wood used by **PARQUETS ALEXANDRA** are extracted, collected, treated and recovered within **800 km** or **2,400 km** (depending on the transportation mean used) of the final production site.

The strips of wood used in the manufacture of **SIGNATURE COLLECTION** have regional content, as shown in the following table:

| Species | % Materials extracted, collected, treated and recovered within a 800 km or 2,400 km radius (depending on the transportation mean used). | |
|---|---|---|
| | TG series engineered | Lock series |
| Maple | 21.65% | 20.33% |
| Oak | 21.09% | 19.79% |
| Birch | 20.51% | 19.23% |

The percentage calculation was performed by considering the requirements of Credit **MR 5** and the maximum distance radius (which depends on the means of transportation used).

The **SIGNATURE COLLECTION**'s final place of manufacturing is located in **Lévis**, **Québec** (G6V 9G5)**.**

The origin of the main components and the mean of transportation used must be validated for every project.

| | | | |
|---|---|---|---|
| MR 7 | Certified wood | Do not contribute | Direct |

## Requirements

Use a minimum of **50%** (based on cost) of wood-based materials and products that are certified in accordance with the **Forest Stewardship Council's (FSC)** Principles and Criteria, for wood building components. These components include at a minimum structural framing and general dimensional framing, flooring, sub-flooring, wood doors and finishes.

Include materials permanently installed in the project. Wood products purchased for temporary use in the project (e.g., formwork, bracing, scaffolding, sidewalk protection, and guard rails) may be included in the calculation at the project team's discretion.

Where applicable, all these materials must be included in the calculation. The furniture can also be included if it is included with uniformity in **MR Credit 3,** Materials Reuse, through **MR Credit 7,** Certified Wood.

### COMMENTS

**PARQUETS ALEXANDRA** is not **FSC** certified. The **SIGNATURE COLLECTION** pre-oiled engineered flooring contains **97.24%** wood components, and will vary depending on the selected species of wood.

The percentages are calculated according Credit **MR 7** and exclude the post-consumer recycled content

***PARQUETS ALEXANDRA** has all required documents regarding LEED® and can rapidly provide information in a certified project.*

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INDOOR ENVIRONMENTAL QUALITY (IEQ)

| CREDITS | DURABLE STRATEGIES | POTENTIAL POINTS | CREDIT RELEVANCE |
|---|---|---|---|
| IEQ 3.2 Option 2 | Construction IAQ management plan: Before occupancy | 1 point | Indirect |

## Requirements

Develop an **IAQ** management plan and implement it after all finishes have been installed and the building has been completely cleaned before **occupancy**.

**Option 2 - Air Testing**

Conduct baseline **IAQ testing**, after construction ends and **prior to occupancy**, using testing protocols consistent with the **United States Environmental Protection Agency Compendium of Methods for the Determination of Air Pollutants in Indoor Air** and as additionally detailed in the LEED® Canada Reference Guide for Green Building Design and Construction.

### CONTRIBUTION AND COMPLIANCE* SIGNATURE COLLECTION

**COMMENTS**

The **SIGNATURE COLLECTION** pre-oiled engineered flooring can indirectly contribute to the credit **IEQ 3.2 - Option 2: Air testing** since it contains no added urea formaldehyde.

Moreover, **PARQUETS ALEXANDRA**'s pre-oiled engineered flooring include a clear finish applied at the factory with a low level of volatile organic compound (VOC) content.

| IEQ 4.1 | Low-emitting materials: Adhesives and sealants | Non applicable | Direct |
|---|---|---|---|

## Requirements

All adhesives and sealants used on the interior of the building (i.e., inboard side of the weatherproofing system and applied on-site) must comply with the following requirements as applicable to the project scope:

- Adhesives, Sealants and Sealant Primers: South Coast Air Quality Management District (**SCAQMD**) Rule #1168. Volatile organic compounds (**VOC**) limits are listed in the table below and correspond to an effective date of July 1, 2005 and rule amendment date of January 7, 2005.

**COMMENTS**

The credit **IEQ 4.1** only applies to adhesives and sealants used on-site and on the interior of the building (inside the vapor barrier).

The **SIGNATURE COLLECTION** pre-oiled engineered flooring from **PARQUETS ALEXANDRA** is finished in factory using a low volatile organic compounds (VOCs) wood finish to reduce indoor air quality problems.

In a project, **PARQUETS ALEXANDRA** can provide technical data for all low-emitting wood finishes.

| IEQ 4.2 | Low-emitting materials: Paints and coatings | Non applicable | Direct |
|---|---|---|---|

## Requirements

Paints and coatings used on the interior of the building (i.e., inboard side of the weatherproofing system and applied on-site) must comply with the following criteria as applicable to the project scope:

• Clear wood finishes, floor coatings, stains, primers, and shellacs applied to interior elements must not exceed the VOC content limits established in **South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings**, rules in effect on January 1, 2004.

**COMMENTS**

The credit IEQ 4.2 only applies to paints and coatings used on-site and on the interior of the building (inside the vapour barrier).

The **SIGNATURE COLLECTION** pre-oiled engineered flooring is excluded from the requirements of **IEQ Credit 4.2**, since the finishing is apply at the factory.

The natural vegetable oil used for finishing product releases no volatile organic compound (VOC).

Moreover, the **SIGNATURE COLLECTION**'s maintenance and cleaning products are non-allergenic, emit no harmful fumes and are non-toxic.

***PARQUETS ALEXANDRA** has all required documents regarding LEED® and can rapidly provide information in a certified project.*

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# POTENTIAL FOR LEED® CANADA — CONTRIBUTION NC 2009 REQUIREMENTS

INDOOR ENVIRONMENTAL QUALITY (IEQ)

| CREDITS | DURABLE STRATEGIES | POTENTIAL POINTS | CREDIT RELEVANCE | CONTRIBUTION AND COMPLIANCE* SIGNATURE COLLECTION |
|---|---|---|---|---|
| IEQ 4.3 | Low-Emitting Materials: Flooring Systems | Do not contribute | Direct | |

## Requirements

**Option 1**

- All hard surface flooring covered by the **FloorScore** standard must be certified as compliant with the standard (current as of the date of this rating system, or more stringent version) by an independent third party. Flooring products covered by **FloorScore** include vinyl, linoleum, laminate flooring, engineered wood flooring, ceramic flooring, rubber flooring and wall base.
- Concrete, wood, bamboo, and cork floor finishes such as sealers, stains, and finishes, must meet the requirements of **South Coast Air Quality Management District (SCAQMD)** Rule 1113, Architectural Coatings, rules in effect on January 1, 2004.

**Option 2**

All flooring products installed in the building interior must meet the testing and product requirements of the **California Department of Public Health Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers**, including 2004 Addenda.

### COMMENTS

The **SIGNATURE COLLECTION** pre-oiled engineered flooring cannot contribute to this credit since it is not **FloorScore** certified.

Moreover, they have not been subjected to the testing of the **California Department of Public Health Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers**, including 2004 Addenda.

| | | | |
|---|---|---|---|
| IEQ 4.4 | Low-Emitting Materials: Composite Wood and Agrifiber Products | 1 point | Direct |

## Requirements

**Composite wood and agrifiber products, including core materials, must contain no added urea-formaldehyde resins**. Adhesives used to fabricate laminated assemblies containing these products must **contain no urea-formaldehyde**.

Specify wood and agrifiber products that contain no added urea-formaldehyde resins. Specify laminating adhesive for field and shop applied assemblies, including adhesives and veneers that contain no urea-formaldehyde. Provide product cut sheets, MSD sheets, signed attestations or other official literature from the manufacturer clearly identifying the emission limits.

### COMMENTS

The **SIGNATURE COLLECTION** pre-oiled engineered flooring of **PARQUETS ALEXANDRA** will contribute to this credit as the plywood contains no added urea-formaldehyde resins. It is manufactured with a resin containing phenol-formaldehyde (**CARB certified emission class E1 phase 2**).

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|---|---|

| | CREDITS | DURABLE STRATEGIES | POTENTIAL POINTS | CREDIT RELEVANCE | CONTRIBUTION AND COMPLIANCE* SIGNATURE COLLECTION |
|---|---|---|---|---|---|
| INNOVATION IN DESIGN (ID) | ID 1 | Innovation in Design | 1 point | Direct | COMMENTS |

## Requirements

**Path 1: Innovation in design**

Achieve Significant, measurable environmental performance using a strategy not addressed in the *LEED Canada for New Construction and Major Renovations 2009* and LEED *Canada for Core and Shell Development 2009.*

One point is awarded for each innovation achieved. No more than 5 points under **ID Credit 1** may be earned through Path 1—Innovation in Design.

**Path 2: Exemplary Performance**

Achieve exemplary performance in an existing LEED 2009 for New Construction and Major Renovations credit that allows exemplary performance as specified in the **LEED Reference Guide for Green Building Design & Construction, 2009 Edition**. An exemplary performance point may be earned for achieving double the credit requirements and/or achieving the next incremental percentage threshold of an existing credit in LEED.

One point is awarded for each exemplary performance achieved. No more than 3 points under **ID credit 1** may be earned through PATH 2— Exemplary Performance.

**COMMENTS**

The **SIGNATURE COLLECTION**'s maintenance and cleaning products are made out of biodegradable soaps and plant-derived wax and were developed in order to eliminate any risk of environmental pollution in case of discharge into the natural environment.

The **SIGNATURE COLLECTION**'s maintenance and cleaning products are non-allergenic, emit no harmful fumes and are non-toxic. These characteristics may help meet the requirements for an innovation in design credit for the implementation of green cleaning strategies.

| | | | | | |
|---|---|---|---|---|---|
| REGIONAL PRIORITY (RP) | RP 2 | Regional priority | 1 point | Direct/ Indirect | COMMENTS |

## Requirements

Up to 3 points for Regional Priority Credit 2 may be proposed for this credit that is intended to allow adding point emphasis to recognize one **OR** more issues that have additional regional environmental importance.

To achieve a Regional Priority credit, the applicant must identify LEED® credits which have additional regional environmental importance. **A project must achieve the base credit and then propose that credit as a Regional Priority credit.**

The **SIGNATURE COLLECTION** may contribute towards achievement of a regional priority credit as the Material & Resources credit 5 regional material is considered as a regional priority for the following provinces: Alberta, Saskatchewan, Quebec, New-Brunswick, Nova Scotia and Prince Edward Island.

For a list of applicable credits, please refer to the CaGBC website www.cagbc.org, under the LEED® tools section for the LEED® Canada-NC 2009 & CS 2009 Rating Systems.

***PARQUETS ALEXANDRA** has all required documents regarding LEED® and can rapidly provide information in a certified project.*

| POINTS | TOTAL | UP TO 6 POSSIBLES POINTS | The SIGNATURE COLLECTION can contribute up to a total of six (6) points for a LEED® Canada-NC 2009 project |
|---|---|---|---|

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