

## Guide Specifications for [oko skin] External Cladding

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### SECTION 07420 Exterior Wall Cladding

**Note:** These specifications were current at the time of publication but are subject to change at any time without notice. Please confirm the accuracy of these specifications with the manufacturer and/or distributor prior to installation.

#### PART 1 GENERAL

##### 1.01 Section Includes

- A. Supply and install [oko skin] extruded concrete exterior wall cladding product, as specified on drawings and described herein.

##### 1.02 Related Work

*Specifier Notes: Edit the following list as required for the project. Delete any sections not relevant; add others as required.*

- A. Section 05100 - Structural Steel Supports.
- B. Section 05400 - Cold Formed Metal Framing
- C. Section 05500 - Building Framing Members
- D. \_\_\_\_\_

##### 1.03 Submittals

- A. Product Data: Manufacturer's data sheet on each product to be used including:
  - 1. Preparation instructions and recommendations.

2. Storage and handling requirements and recommendations.
  3. Installation methods.
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- B. Quality Assurance: Certified test results from independent testing laboratory substantiating specified performance characteristics and physical properties. .
  - C. Design Drawings: Submit shop drawings showing layout, profiles and product components, including anchorage, accessories, finish colors, patterns and textures.
  - D. Samples: Submit two complete sets of color swatches representing manufacturer's full range of available colors and surface treatment for each panel finish specified.

*Specifier Notes: Delete Installer Qualifications if not required [fibre C] vertical surfacing system is designed for efficient and precise installation by cladding tradesmen, roofing or exterior rain-screen façade installers. Most projects require no special tools or equipment.*

- D. Installer Qualifications: Certification stating that installer is experienced in the installation of the specified products, and who has completed installations similar in extent and design with a record of successful performance.

### **1.05 Delivery, Storage and Handling**

- A. Delivery: Deliver Materials to site in Manufacturer's original, unopened packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store Materials in accordance with the Manufacturer's instruction in unopened packaging until ready for installation. Store materials in a covered area, away from water, on a flat, level surface with adequate support to prevent sagging.
- C. Handling: Protect materials during handling to prevent damage.

### **1.06 Acclimatization**

*Specifier Notes: All [oko skin] components shall be conditioned in their final environment (temperature and humidity) for at least 3-4 days prior to installation. This is especially important for lineal material.*

- A. All boxes shall be opened and all components removed from the packaging and stacked flat with spacers between the pieces in their final environment for a minimum 3-4 days prior to installation.

### **1.07 Project Conditions**

- A. Do not install [fibre C] material under environmental conditions where it is likely to be immersed in water, or where the temperature is likely to exceed 120 degrees Fahrenheit for extended periods of time.

## **PART 2 PRODUCTS**

### **2.01 Acceptable Manufacturer**

A. [oko skin] by Rieder Smart Elements GmbH Website: [www.rieder.cc](http://www.rieder.cc) As distributed by **SOUND SOLUTIONS** 416-740-0303 or 1-800-667-2776  
[www.soundsolutions.ca](http://www.soundsolutions.ca) 6817 Steeles Avenue West, Toronto, ON M9V 4R9

B. Panels to be NON Combustible and tested per ULC S114

## 2.02 Materials

A. **[oko skin] extruded, fibre reinforced concrete panel**

2. Panels: Glass fibre concrete panels made from pure mineral raw materials, (sand cement, water). Reinforced through AR( alkali-resistant) glass fibre matt and short fibres in matrix. Concrete matrix to be extruded.

1. Colour selected from manufacturers full range of colours

### Surface types

Unless otherwise noted, surface will be a random mixture of sandblasted finishes. *Consult factory or Sound Solutions for alternative surface treatments.*

13mm thickness – Available - 147mm x 1800 (5.79” x 71”)

Special Please call factory or Sound Solutions

*Specifier note: Delete all but one mounting method. Manufacturer will provide one type deemed suitable for project unless otherwise specified.*

21. Mounting: Exposed Fasteners to a Wooden Subframe.

22. Mounting: Exposed Fasteners to a Galvanized Steel Subframe.

23. Mounting: Exposed Fasteners to an Aluminum Subframe.

24. Mounting: Exposed Rivets to an Aluminum Subframe.

25. *Mounting: Gluing panels – Please call factory or Sound Solutions for this option before specifying.*

## PART 3 EXECUTION

### 3.01 Examination

A. Do not begin installation until substrates have been properly prepared.

- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Verify compatibility of different metallic surfaces in contact with each other to protect against electro-chemical corrosion.

### **3.02 Preparation**

**Specifier note:** *[oko skin] is designed for installation over most types of conventional building exterior surfaces including but not limited to concrete block, brick, metal and wood clad structures. Walls should be reasonably flat and plumb, but do not need to be smooth. Special blocking is not required but may be used to ensure a plumb subframe from which to mount the [fibre C] panels.*

- A. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- B. Protect metal surfaces in contact with concrete, masonry mortar, plaster or other cementitious surface with isolation coating.
- C. No special sealers or treatments required on exposed edges of {fibre C} panels

### **3.03 Installation**

- A. Protect all subsurfaces with appropriate vapor barrier (asphalt roofing felt, elastomeric water sealer, Tyvek® sheathing etc.) prior to mounting the rainscreen subframe. Refer to manufacturer's guide or visit [www.rieder.cc](http://www.rieder.cc)
- B. As with most rainscreen products a ventilated minimum airspace of 3/4" is required between the structural wall and the back surface of the [fibre C] panels. A minimum gap of 3/8" between panels is also required along all perimeter edges. Refer to manufacturer's guide or visit [www.rieder.cc](http://www.rieder.cc)

**END OF SECTION**

## **Rieder Smart Elements – {fibre C}**

**Distributed in Canada by: Sound Solutions (1997)**

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