

CAMPUS ARCHIZINC

by VMZINC

Project file
must be returned
before 12/06/2017

PROJECT FILE

Registration N°:

(attributed during on-line pre-registration)

Last name & First name:

(of individual candidate or team leader)

Country:

Email address:

Cell phone:

Postal address:

**Last name(s)/First name(s)
of other team member(s):**

(Up to 3 people)
(If registering a team)

1:

Email address:

Cell phone:

2:

Email address:

Cell phone:

3:

Email address:

Cell phone:

Name of school:

Address & website of the school:

Academic program:

Name of supervising teacher:

(if identified)

• Project documents:

Items making up the file:

- Graphic material:

A0 sheets (3 maximum)

- Site plan with identification of site assets and constraints
- Block plan (1/500)
- Floor plan(s) (1/100 or 1/50) before and after the extension
- Facade elevations (1/100 or 1/50) before and after the extension
- General section (1/100 or 1/50) before and after the extension
- Envelope section 1/20th
- Diagram showing the composition of the partition walls,
- A graphic document demonstrating the construction principle (free form)
- A graphic document demonstrating how the project inserts into its environment before and after the building work (photomontage)
- As many images as are necessary for an overall appreciation of the project.

- Material for the environmental section:

General

- Site plan with identification of site assets and constraints (access, services, potential nuisances, planted areas, remarkable biodiversity zones, etc.)
- Density increase calculation note: (number of residents in final project - number of residents in initial project) / number of residents in initial project
- Based on the site plan illustration, calculation note of the number of services within a 500-m radius from among a pre-defined list
- Based on the site plan illustration, calculation note of the number of public transport stops, bicycle spots or carsharing spots available within a 500-m radius

Energy

3 bioclimatic cross-sections:

- Heat strategy
- Cooling strategy
- Natural lighting strategy

Using the eco-design tool developed by VMZINC and made available to students, free of charge on the Campus Archizinc competition website (www.campus-archizinc.com), students will also submit the following deliverables:

- Calculation of openings (representing the weight of glazed surface areas relative to opaque surface areas)
- Calculation of Heat Transfer U (W/m²K) (representing heat loss per m² of heat-lossy surface area)

Materials

- Identify the environmental advantages of the chosen materials (sustainability, recyclability, zero maintenance, etc.)
Using the eco-design tool developed by VMZINC and made available to students free of charge on the Campus Archizinc competition website (www.campus-archizinc.com), students will also:
- Evaluate the project's embodied energy (representing the

embodied energy concerning the materials required to build the project).

Water management

- Note and/or cross-section presentation of water management strategy

Biodiversity

The envelope will mainly consist of rolled zinc. However, 15% of the surface will be dedicated to promoting the development of biodiversity on the site (revegetation, creation of wildlife refuges, creation of wetlands, etc.).

The jury will therefore pay special attention to solutions that use rolled zinc to support the development of biodiversity.

- Written material

Synthesis notebook:

- A horizontal A3 (420x297mm) notebook (10 pages max)
- Presentation sheets of graphic material in reduced format (1/page)
- Architectural synopsis demonstrating the selected building approach

Incompleted files will not be submitted to the jury.

• Recommendations

The orientation must be specified on all plans.

The scale of the drawings must be specified on all documents with drawings.

Texts and legends must be in French or English.

• Specifications

Umicore Building Products France s.a.s. may not be held liable for exceeding the deadline for submitting the projects and declines all responsibility for loss or damage to the posted items.

• Deadline

Deadlines for submitting the project files in **June 12th, 2017**.

• Presentation

The project file items will be presented in French or English in digital form. The name of the candidate or team leader, registration number and project name must appear clearly on each item making up the file.

• Addresses for sending project files

By post, with postage as per current rates (with postmark as official date), to the following address:

Umicore Building Products France s.a.s.

«Les Mercuriales», Tour du Ponant

Service Communication – Concours «Archizinc Campus»

40 Rue Jean Jaurès

93176 BAGNOLET CEDEX

In this case, the items making up the file are digitized and placed on a CR-ROM.

By email, specifying your assigned registration number, to the following address: campus.archizinc@umicore.com

In this case, all pages of the registration file must be sent digitised/scanned after signing.

