LIÈGE université
SBD Lab

BUILDINGS CONNECTIONS DATABASE

Sustainable Building Design Lab

Dear participants,

The Sustainable Buildings Design Lab of liege univervisty in Liège is a research laboratory specialised in the design of high-performance buildings, the development and evaluation of sustainable solutions for the construction sector.

Currently working on the disassembly and reuse of building structures, we invite you to contribute to this survey on building connections and their potential for disassembly. The ultimate aim of this survey is to create a database of building connections. This will enable us to:

- Understand and know the different types of connections,
- Assess their condition and calculate their potential for disassembly,
- Potentially influence construction standards and regulations relating to connections and the sustainability of buildings, as called for by the European Union by 2025

We encourage you to answer this questionnaire in detail so that the database is as complete as possible.

Thank you in advance for your answers.

GENERAL INFORMATION

Name

First name

Family name

Company / Laboratory / University ...

Email

exemple@exemple.com

Your personal data collected by the SBD Lab will only be used to send you the answers to this questionnaire or for copyright purposes on the documents you would like to share with us. Under no circumstances will your data be passed on to a third party.

GENERAL INFORMATION ABOUT THE BUILDING

What is the name of the building ?

What is the address of the building ?

Number and street

Additional address

City

State/Region

Postcode

Type of building :

Veuillez sélectionner

Year of construction :

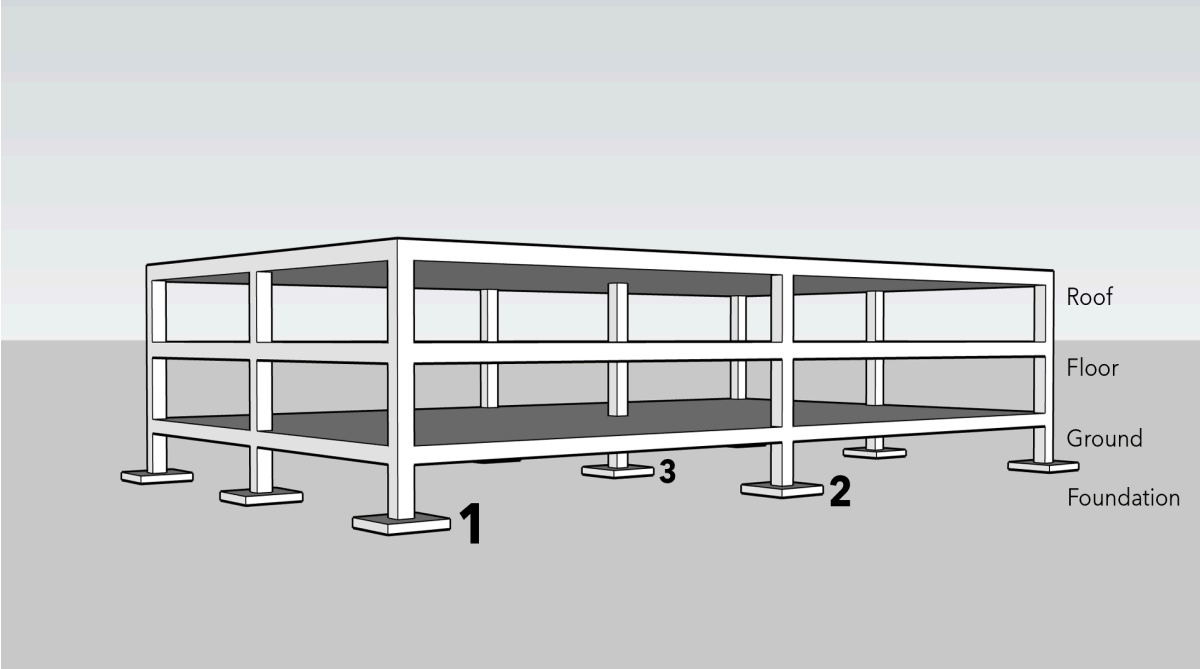
par ex. 23

BUILDING CONNECTION INFORMATION

Structural connections are points in the structure where components are assembled. A connection therefore serves to link the different elements of a structure (for example a column and a beam), to ensure the reliability of the structure and to guarantee the correct operation of the structure as a whole.

What type of material is used for the structure of the building?

Veuillez sélectionner



At what level is the connection ?

Veuillez sélectionner

Where the connection is located ?

Veuillez sélectionner

What type of connection is it?

Veuillez sélectionner

How accessible is the connection?

- Freely accessible without additional actions
- Accessible with additional actions that do not cause damage
- Accessible with additional actions with fully repairable damage
- Accessible with additional actions with partially repairable damage
- Not accessible - irreparable damage to the product or surrounding elements

Can you provide a photo, a cross-section, a diagram of the connection, a 3D model or other representation of the connection ?

Parcourir les fichiers

Drag and drop files here

Describe the connection

DISASSEMBLY POTENTIAL OF THE CONNECTION

The disassembly potential of a connection is the fact that it can be totally, partially or not at all disassembled. For example, if a connection is embendding and accessible, it can be completely disassembled, with a score close to 10. On the other hand, if a connection is cemented and not accessible, it cannot be disassembled and will have a score close to 0.

Has the connection been designed to be disassembled?

- ( ) Yes
- ( ) No

What is the disassembly potential of the connection ?

1 2 3 4 5 6 7 8 9

Poor

10

Excellent

Would you like to add more information about the connection ?

ADD A CONNECTION OR INFORMATION

Would you like to add another connection ?

- ( ) Yes
- ( ) No

If you want to add another connection but from another building, please fill out the questionnaire again.

Enregistrer Soumission

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