ENVIRONMENTAL QUALITY

ENV 1.2 Local environmental impact

Objective

To reduce, avoid or substitute all hazardous or harmful materials, (construction) products and substances and mixtures that may affect humans, flora and fauna or cause short, medium and/or long-term damage.

Eurobatex SC contribution

NO. INDICATOR	
1	In accordance with the DGNB regulation, it is possible to classify Eurobatex SC as QL3.
BONUS AGENDA 2030	

Benefits

The use of particularly environmentally compatible materials is not only an important contribution to improving indoor air quality, but also helps to limit the building's risk of renovation with regard to pollutants. Only a complete material-ecological building components catalogue can provide the building owner with information regarding the building products used and where in the building they were used. This information is important for quality assurance in construction, for the clarification of defects and their proper elimination and for cost-optimised maintenance. This makes an important contribution to the value stability of a building.

Contribution to overarching sustainability goals

ENV 1.3 Responsible resource extraction

Objective

To improve human rights and environmental protection in global supply chains. Taking responsibility for this means that companies identify potential risks with suppliers and prioritise the use of products in the building and its outdoor facilities, which are optimised in terms of their environmental and social impacts across the entire value chain and whose raw material extraction and processing meet recognised environmental and social standards.

Eurobatex SC contribution

NO. INDICATOR	
1 **2**	Union Foam confirms the responsible sourcing of its materials by purchasing raw materials from ISO14001 certified suppliers. It also pledges to support the humanitarian objective of ending violence and human rights violations in the extraction of certain minerals, known as *Conflict Minerals* , from areas of risk or conflict. Union Foam is also concretely committed to the use and continuous research of raw materials whose production has a low environmental impact.
BONUS AGENDA 2030	

Benefits

Improved transparency helps to make knowledge about the responsible extraction of resources accessible to those involved in the value chain, and to further expand and disseminate acquired know-how about sustainable and socioecologically acceptable raw material extraction in order to counteract environmental and social grievances.

Contribution to overarching sustainability goals

ECONOMIC QUALITY

ECO 2.7 Documentation

Objective

Our objective is to document digital construction planning as adequately as possible to the actual construction. The economic incentive is intended to lead to higher-quality design and documentation of built substance and thus to the practical circular economy. In addition to good documentation of the constructed building, the criterion also focuses on the transition to the utilisation phase and on preparations for the continuation of data collection in operation. If all relevant building information is available in a structured form, owners and operators can use it to manage and design efficiently. The long-term objective is an always up-to-date and complete imaging of the building in digital form.

Eurobatex SC contribution

NO. INDICATOR	
1.2 **3**	Union Foam, through Autodesk Revit® and in collaboration with industry experts, has developed its range of technical insulation products in a BIM (Building Information Modeling) module. By downloading the Plug-in via our website it is possible to import the Eurobatex SC technical insulation elements together with the related technical data, using them in the digital design of construction systems.

Benefits

Today it is generally recognised:data is gold. Good documentation is thus a value in itself. The digital twin creates the basis for the availability of all relevant information. Such information serves as a basis for both resource-saving construction planning and efficiency during the building use and deconstruction phases. Through high-quality digital building planning, the successful operation of the building can be taken into account at an early stage. The longevity factor of the building increases in parallel with the quality of the digital documentation. The model data can be used to create the building components catalogue, life-cycle assessment and building resource passports. An economic advantage arises from the potential savings in material, digital and time resources over the lifecycle of the building.

Contribution to overarching sustainability goals

SOCIOCULTURAL AND FUNCTIONAL QUALITY

SOC 1.1 Thermal comfort

Objective

To ensure thermal comfort in both winter and summer that is appropriate for the intended use and provides adequate comfort.

Eurobatex SC contribution

NO. INDICATOR	
1	Eurobatex SC has an indirect impact on credit achievement. It contributes by ensuring an acceptable range of operating temperature and humidity through the insulation of ventilation pipes and ducts.

Benefits

Measures that enable users of buildings to exert as much influence as possible on the indoor climatic conditions increase individual well-being. A higher sense of well-being leads to increased satisfaction with the premises and thus also to higher performance among the building users.

Contribution to overarching sustainability goals

PROCESS QUALITY

PRO 1.1 Quality of project preparation

Objective

To achieve the best possible building quality through an optimised and transparent design process, by defining the relevant framework conditions at an early stage (“pre-planning phase").

Eurobatex SC contribution

NO. INDICATOR	
3	Union Foam, through Autodesk Revit® and in collaboration with industry experts, has developed its range of technical insulation products in a BIM (Building Information Modeling) module. By downloading the Plug-in via our website it is possible to import the Eurobatex SC technical insulation elements together with the related technical data, using them in the digital design of construction systems.

Benefits

The building owner's requirements for a building and the resulting planning targets are clearly formulated by the requirements planning and the specifications accompanying the planning, and enable consistent implementation. Project preparation of this kind has a direct influence on the subsequent quality of the building. Increased public participation can also make an important contribution to the greater acceptance of decisions, more balanced solutions and better decision-making quality, fewer conflicts, and the stronger identification of residents with their living environment.

Contribution to overarching sustainability goals