



look inside.  
build ecologically.

# The database for ecological building and renovation.

baubook is a database for building products. It simplifies ecological and healthy building and facilitates verification within the framework of ecological tenders, building certifications and funding systems. baubook provides validated and structured building material data for the calculation of energy and ecological indicators.



The core of baubook contains comprehensive product database as well as useful tools for the calculation of various building indicators.



Declared building products include ecological criteria, building physics and building ecology parameters and product group-dependent properties.

In baubook you will find tested products, reference and characteristic values, manufacturer information, criteria and platforms.



For the calculation of energy and ecological indicators, baubook provides validated and structured building material data.





## Simple verification for ecological tenders, building certifications and subsidy systems.

### The baubook database

The core of baubook is the product database. There, the manufacturers declare their building products centrally, straightforward and comfortably. Since all baubook applications access the central database, no further declaration is necessary for manufacturers. Test certificates for the physical and ecological characteristic values are stored centrally in this one place. After successfully passing baubook quality assurance, the declared products are listed in all target group-specific platforms. The export to the calculation programmes takes place via established interfaces.

The baubook processes the declared data and makes it available via the target group-specific platforms and as basic data for the calculation of energy and building certificates. This significantly simplifies the processing of subsidised and certified buildings. This is why baubook is used by architects, consultants, creators of energy performance certificates, building owners and the executing building trade when realising energy-efficient and ecological buildings.

## baubook is for EVERYONE who wants to build in an ecological and healthy way.



The building products are declared with regard to ecological criteria, building physics and building ecology parameters as well as other product group-dependent properties. The information is supplemented with a product description, pictures, safety data sheets and technical data sheets as well as manufacturer and, if applicable, dealer data.

### Leading database for ecological building

All content is available with a high degree of reliability. Every week, baubook is by more than 10,000 times by manufacturers, traders, planners, consultants and craftsmen. This makes baubook the leading database for quality-assured ecological and healthy building in German-speaking countries.

### Simple online declaration

The product declaration is made directly on the internet. When making the declaration, the manufacturer registers (free of charge at any time) and enters his products with the help of the online assistant. Once all the relevant information has been entered, a summary is created, which is signed by the company and sent to baubook with the relevant test certificates.





## baubook tools & utilities

### Manufacturer and dealer

- ✓ platforms for product presentation according to target groups
- ✓ easy verification for subsidy processing and public tenders
- ✓ simple online product declaration

### Builders, municipalities and developers

- ✓ ecological criteria for product evaluation
- ✓ support in the implementation of sustainable buildings
- ✓ free product database with comprehensive information

### Specialised planners, advisors and craftsmanship

- ✓ free key figures for energy and building certificates
- ✓ various online tools
- ✓ further information on technology, health and environmental impact of building products

**baubook** eco2soft  
life cycle assessment  
of buildings

**baubook** AWR  
amortisation calculator  
for components

**baubook** construction  
calculator

**baubook** Online product  
manager

baubook aims to promote targeted and validated construction with reduced ecological impacts and higher residential health.

We offer useful online tools for this purpose. These are used for the calculation, evaluation or organisation of components and buildings.

Further information::  
[www.baubook.info](http://www.baubook.info)



„The indoor climate is particularly important when children and young people use the building. Therefore, the selection of pollutant-free materials is essential for healthy indoor air.“

Stefan Übelhör  
Mayor of Höchst Municipality

„baubook makes it easier for public builders to procure according to ecological standards. Craftsmen can find the corresponding products quite simply with a click of the mouse.“

Dipl.-Ing. Dietmar Lenz  
Project Manager, Managing Partner, AnBau - Agency for sustainable building  
Giebelbachstraße 18, 88131 Lindau – [www.anbau.info](http://www.anbau.info)





„The declaration at a central location is as simple as can be. Where questions arise, we help quickly and straightforwardly.“

Dipl.-Ing. Carmen Kresser  
Quality assurance/Customer service baubook GmbH

**baubook exists with the ambition to promote simple, purposeful and validated construction with reduced ecological impacts and higher residential health.**

For this purpose, baubook provides structured, validated building material data for the creation of energy and building certificates, for the life cycle assessment of buildings and for the proof of compliance with criteria from funding, tendering or certification programmes.

#### **baubook reviewed**

The validation of the building material data is carried out using recognised determination procedures and is the same for all manufacturers within a product category. The quality-assured data are unique in their variety, detail and usability and form the core of baubook.

#### **baubook simplified**

Users receive the necessary tools and data sets for the life cycle assessment of buildings free of charge. Thanks to a unique product declaration at a central point, the verification within the framework of ecological tenders, building certifications or funding systems has been optimally solved. More and more purchasers, funding agencies and certification bodies rely on the quality assurance of baubook and dispense with project-related individual verifications by the manufacturers.



#### **baubook product check**

baubook supports users in finding products that meet the respective requirements. All product information comes from the freely accessible product database and includes validated manufacturer and dealer information. baubook thus enables a reliable product comparison.

#### **baubook tools and utilities**

baubook uses the basic building physics data to calculate energy and environmental indicators. In addition to feeding the data into common calculation programmes, baubook offers other useful tools, such as the calculator for optimising building components, or eco2soft for calculating environmental indicators. The tools are constantly being further developed and supplemented with functionalities. These activities define the central field of action of baubook and make it unique. baubook is the helpful tool for every phase of energy-efficient and ecological building.

„Our aim is to effectively support and thus promote ecological and healthy building.“

Andreas Krenauer, MSc  
Quality assurance/Customer service baubook GmbH

## Service package „Sustainable construction in the municipality“

**A structured process is a prerequisite for product information management that accompanies the life cycle and supply chain.**

The systematic procurement of ecological building materials from design to implementation was first tested in 2005 in the demonstration project (community centre Ludesch) and has been systematically developed into a standardised service „Service Package Sustainable Building in the Municipality“ since then. The interdisciplinary project team supports the municipalities in anchoring the ecological criteria in the tendering and awarding process.



This includes interviews with the contractors at the start of a construction project as well as construction product approvals and optimisations for the individual trades. During the realisation of the construction project, random checks are executed on the construction site. Finally, indoor air measurements are carried out to confirm the indoor air quality.

Vorarlberg’s municipalities have implemented over 100 new construction and renovation projects according to these standards in recent years.



© Photo Bruno Klomfar, Community centre Ludesch

The ÖkoBeschaffungsService (environmental procurement service) was launched by the Vorarlberg Environmental Association. ÖBS offers the 96 Vorarlberg municipalities and provincial institutions the service of bundled procurement on their behalf. Ecological and, in some cases, social requirements are taken into account in all procurement processes.

The example of the Environmental Association Vorarlberg has now been followed by other waste management associations in other federal provinces, which offer their member municipalities the service of bundled ecological procurement for selected products and services. The Environmental Association of Vorarlberg also offers its „Service Package Sustainable Building in the Municipality“, which is authoritative for the topic „Pollutant-free indoor air quality“.



[https://www.gemeindeverband.at/Themen/Nachhaltige\\_Beschaffung/Nachhaltig\\_Bauen\\_in\\_der\\_Gemeinde](https://www.gemeindeverband.at/Themen/Nachhaltige_Beschaffung/Nachhaltig_Bauen_in_der_Gemeinde)



## ÖkoBauKriterien The EcoBuildingCriteria

Successful examples of the procurement of low-pollutant and low-emission building materials are „ÖkoKauf Wien“ (AG Hochbau und Innenausbau) and the service package „Nachhaltig Bauen in der Gemeinde“, which prescribe the so-called EcoBuilding Criteria for low-pollutant and low-emission products.

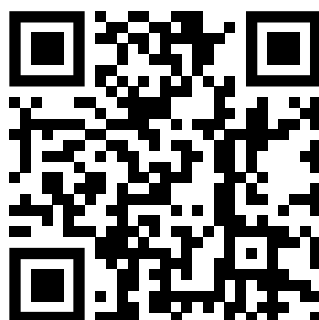


The City of Vienna and the Vorarlberg Association of Municipalities published the ÖkoBauKriterien together for the first time in 2011 and have since applied them continuously in the programmes „ÖkoKauf Wien“ and „Servicepaket Nachhaltig Bauen für Kommunen“. The „ÖkoBauKriterien“ are also applied in building assessment systems such as „klimaaktiv bauen und sanieren“, Kommunalgebäudeausweis, „Total Quality Building“ and „wohngsund“.

The EcoBuildingCriteria and corresponding products can be found on the platform: [www.baubook.at/oea/](http://www.baubook.at/oea/)



<https://www.wien.gv.at/umweltschutz/oekokauf>



<https://www.gemeindevorarlberg.at>

## ÖkoKauf Wien EcoProcure Vienna

The City of Vienna spends several billion euros annually on products and services of all kinds. The city makes its contribution to the procurement of goods and services under ecological aspects with the programme „ÖkoKauf Wien“.



The „ÖkoKauf Wien“ criteria catalogues are a central steering instrument for this. These criteria catalogues are binding for the departments of the City of Vienna by decree. In the building sector, the „ÖkoBauKriterien“ play a central role, which are published via the baubook platform and additionally via the criteria catalogues of the „ÖkoKauf Wien“ working group „Interior Construction“ and „Building Construction“.

ÖkoKauf Wien is the city’s ecological and sustainable procurement programme. Since 1998, products have been purchased and used in the Magistrate’s Office in the most environmentally friendly way possible - from textiles to organic food, detergents, disinfectants, office supplies and furniture to building materials. The most important criteria are: Conservation of resources, ecological production, energy efficiency, reparability, avoidance of emissions and hazardous and toxic materials.

In the interest of climate protection, the City of Vienna launched the ÖkoKauf Wien programme in 1998. The aim is to orient the purchase of goods, products and services in all areas of the city administration more strongly towards sustainable aspects. According to the decree of the municipal director, all results (criteria catalogues, position papers, studies, sample folders) of ÖkoKauf Wien are to be applied in a binding manner. Experts have developed criteria catalogues for the tenders in the respective working groups. The criteria catalogues are checked for their legal validity by the „Legal Advisory Committee“ and are formulated in such a way that the contents can be easily incorporated into the tender texts.



Declared products appear in the following baubook platforms of these partners:

- EcoProcure Vienna (ÖkoKauf Wien)
- NaBe National Action Plan for Sustainable public procurement
- Service Package Sustainable Building in the Municipality
- Bewertungssystem Nachhaltiges Bauen des deutschen Bundesbauministeriums
- klimaaktiv
- Housing subsidies of the federal provinces Kärnten, Niederösterreich and Vorarlberg
- natureplus
- Oekoindex
- Company environments of Murexin, Forbo, Internorm and Rigips

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#### Product information on BNB

With the „Product Information on BNB“, baubook now provides for the first time a platform that was developed specifically for the German market.

It maps the criteria profile 1.1.6 „Risks for the local environment“ of the Sustainable Building Assessment System (BNB).

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# www.baubook.info

baubook GmbH is operated by the Vorarlberg Energy Institute and IBO GmbH.