

Träullit Acoustic

Environmental info

Träullit Acoustic is for settings with high functional requirements for sound, fire, moisture, and durability. With properties such as sound absorption of the highest class, heat storage, fire protection, and balancing of moisture in the ambient air, Träullit contributes to a pleasant, healthy, and sustainable environment – today and tomorrow.

Sustainable, functional, organic

Träullit Acoustic is a versatile and organic building product that makes people feel comfortable and at ease. The unique material composition of wood wool from Swedish spruce, cement, and water provides functional characteristics such as sound absorption, fire protection, heat storage, and moisture balancing. This makes Träullit Acoustic very fitting as an interior ceiling panel for larger open-space premises, restaurants, schools, stairwells, sports halls, or event venues. Träullit Acoustic is also available as a fully demountable suspended ceiling or as a wall-mounted acoustic panel.

Environment and health

Träullit Acoustic has undergone Environmental Product Declaration testing (EPD). Evaluations by SundaHus Miljödata and Byggvarubedömningen, a non-profit organization that analyzes the environmental influence of products in the construction sector, indicate low environmental impact. Furthermore, Träullit Acoustic received outstanding scores when reviewed by ECOProduct, a product evaluation certificate based on third-party verified environmental declarations, with international standards and references as the basis for evaluation.

Countless examples of use in restaurants and other sensitive environments show that installed Träullit panels themselves do not emit dust or particles. RNK in Borås and Sitac have measured the particle emission from 10-year-old wood wool panels in Tingsholmsskolan in Ulricehamn (95.10.05) with “dust provocation” with strong air jets. Despite this, no particle emission could be measured.

External controls are carried out by the Technical Research Institute of Sweden (SP). Furthermore, detailed construction product declarations are composed according to BYKR’s instructions. These are published on our website and can be found in MiljövaruBas by Svensk Byggtjänst. Further information from environmental analyses of Träullit’s product range and factory, as well as environmental and quality policies regarding the production of Träullit, can be ordered on our website, www.traullit.se.

Emissions

According to emission measurements carried out by the Technical Research Institute of Sweden, SP, Träullit Acoustic demonstrates emission values that are less than $11 \mu\text{g}/\text{m}^2 \times \text{h}$. Comprehensive results are declared in protocol 90K 10102.

Energy consumption

Träullit is entirely powered by locally produced renewable energy from hydropower stations located only a few kilometers from Träullit’s factory and head office. The energy consumption for producing 1 m^3 of Träullit Acoustic is measured at 180 kWh.

Product declaration

Product declarations aligned with the instructions of Byggsektorns Kretsloppsråd can be requested by visiting our website or by contacting us directly.

Waste codes

For landfill questions, use the following waste codes: 170201, 170101.

Other

Further information, instructions, and technical data are available on our website, www.traullit.se. If you have additional questions, please contact us directly.

Contact us:

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