

U.I. Lapp GmbH · Schulze-Delitzsch-Straße 25 · 70565 Stuttgart

Customer information

04/01/2025

Dear Customers,

Sustainable building is gaining in importance and so the requirements for sustainable building are also becoming more specific and in Germany are the requirements are primarily described by the certification system of the German Sustainable Building Council (DGNB) or the Federal Sustainable Building Rating System (BNB).

In order to provide our customers with basic information on the requirements of sustainable building for Lapp products, we have compiled the current status.

Please note that not all cables, wires and accessory products are included in the criteria catalogs of the rating systems.

The following information is valid for Germany as an example, requirements might be different in other countries.

Which requirements apply to LAPP products (cables, wires and accessories)?

The DGNB specifies its requirements in criteria catalogs that are part of the DGNB certification system.

The objective of the DGNB is to reduce, avoid or substitute all hazardous or harmful materials, (construction) products as well as preparations. Cables, wires and accessories can be found under the following criteria:

Under the criterion "Local environment impact" (Environmental quality), the following requirements for LAPP products in general are derived according to DGNB ENV 1.2, criteria matrix No. 42 (fire protection coatings for cables,) and 44 (products made of plastics (Factory) such as cable sheathing): Proportion of chlorinated paraffins (SCCPs + MCCPs + LCCPs) < 0.1 % and SVHC ≤ 0.1 % and thus requirements according to REACH Regulation ((EC) No. 1907/2006).

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A Company of the Lapp Group

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Under the criterion "Ease of recovery and recycling" (technical quality) according to DGNB TEC 1.6, the following requirements are derived for LAPP products in general: FM MC 0351/21_02.23

No SVHC substances (manufacturer's declaration: content < 0.1%) and thus requirements according to REACH regulation ((EC) No. 1907/2006). Individual confirmations for REACH can be requested at reach.de.uil@lapp.com.

For the evaluation of construction measures, the BNB provides measurable and verifiable criteria, which are divided into six main criteria groups (qualities of sustainable construction).

Under the criterion "Risks for the local environment" in BNB_BN 1.1.6, requirements for LAPP products in general are formulated:

In principle, the REACH Regulation ((EC) No. 1907/2006), which is central to substance law, is particularly important for the evaluation of construction products in this criterion.

In addition, you can find the requirements in the overview table of all quality requirements according to QN 1 to 5 (sorted by construction product groups) that under 13.1 for electrical installations, data processing and I&C technology (e.g. cables), PBB, PBDE, lead and cadmium must contain $\leq 0.1\%$, and phthalate plasticizers toxic to reproduction must contain $\leq 0.1\%$. This can be read at (German only):

https://www.gng.info/app/uploads/2023/08/QNG_Handbuch_Anlage-3_Anhang-313_Schadstoffe_v1-3-final_28.07.2023.pdf.

How does Lapp meet these requirements?

LAPP only sells products in accordance with the REACH Regulation ((EC) No. 1907/2006).

Further information can be found online:

<https://www.lapp.com/en/de/service/download-centre/reach-rohs/e/081401>

A manufacturer's declaration is also available online, which is mentioned as a type of documentation requested by DGNB and BNB.

What else is LAPP working on - what can customers look forward to in the future?

LAPP is working on many topics related to sustainability, including the creation of Product Carbon Footprints (PCF) as proof of product-specific CO2 emissions. Lapp is also monitoring the DGNB and BNB and other international requirements, which will continue to develop over the coming months and years.

Yours Sincerely,

Alexander Terpe
Head of Product Development Cables