INSTALLATION INSTRUCTIONS

REGUPOL COMMERCIAL LRT® AND LRP®

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General information:
These installation instructions are based on the applicable national standards (e.g., VOB/C – DIN 18365, DIN 18202, ÖNORM B 2236-1, and SIA SN 253) and reflect the current state of knowledge at **REGUPOL Germany GmbH & Co. KG.** The generally accepted rules of the art must always be observed. In the event of a conflict between these rules and these installation instructions, the generally accepted rules of the art take precedence. Amendments and updates are subject to change without notice. It is therefore the responsibility of the user to ensure that the most recent version of the installation instructions is always used. It is expressly pointed out that neither the manufacturer nor the distributor can influence the professional installation and processing of the
REGUPOL Commercial floor covering, including the associated system components (e.g. adhesives, skirting boards or impact sound insulation underlays). Responsibility for standards-compliant and technically flawless installation lies with the commissioned specialist contractor. For the reasons stated above, these installation instructions constitute non-binding information. **REGUPOL** assumes no liability for the outcome of the installation. Responsibility for the flawless quality of the supplied **REGUPOL Commercial** floor covering lies with the manufacturer, provided that it is further used unchanged and undamaged after handover. Any modifications or damage caused by third parties after handover exclude liability on the part of the manufacturer. In this context, the currently valid General Terms and Conditions of Sale and Delivery of **REGUPOL Germany GmbH & Co. KG** must be observed. In addition, the application instructions and safety data sheets of the respective adhesives used, as well as other auxiliary and accessory materials, must be strictly observed.

Storage

Store the **REGUPOL Commercial LRT® and LRP®** supplied in cartons flat, unopened and on a level, dry surface in the room where they are to be installed.

The floor covering must acclimatise there for at least **24 hours** under constant climatic conditions.

Stack a maximum of **eight (8) cartons** on top of each other.

Open the packaging only **immediately before installation**.

Avoid contact of the material with water or moisture. Moisture can impair adhesion and lead to bonding problems.

Material inspection prior to installation

Material inspection: Before starting installation, check the **REGUPOL Commercial LRT® and LRP®** for completeness and freedom from defects. Claims for replacement can generally only be made for uninstalled and undamaged goods (in particular, goods that have not been cut).

Label check: Check the labels for article number, batch consistency and format. Only LRT® or LRP® from the same batch may be installed within one room.

Defect notification: If defects are identified, they must be reported to the manufacturer immediately and before installation begins. Please state the order and batch number as well as a precise description of the defect.

Substrates

Ensure that the substrate prepared for installation complies with the requirements of the applicable national standards.

REGUPOL Commercial LRT® and LRP® can be installed on various substrates (e.g. concrete, asphalt, screed, etc).

The substrate must be permanently **dry, with adequate compressive and tensile strength, level, clean and load-bearing.**.

It must be free from cracks, wax residues, release agents or coatings, oil, grease, sealants or curing agents, adhesive residues, dust, blistering, spalling or other adhesion-reducing substances or damage.

Movement or expansion joints in the subfloor must be incorporated into the installation. **Construction and shrinkage joints** must be bonded force-bonded by the installing specialist contractor.

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General installation guidelines

The **room temperature** must **not fall below 18°C** before, during or after installation. The **substrate temperature** must be at least **15°C**.

Strictly observe the **adhesive manufacturer's application instructions**.

Please refer to the technical data sheet or the container label of the adhesive for the permissible **maximum relative humidity**. As a rule, this should **not exceed 65%**.

The building or rooms must be **weatherproof** and fully protected from weather influences before installation begins.

Installation of the **REGUPOL** floor covering should only take place once **all other trades** have completed their work. If this is not possible, suitable **protective measures** must be taken to protect the floor covering from damage caused by subsequent work, construction activities or contamination (e.g. construction debris).

Depending on the design, slight **colour variations** may occur between individual LRT® or LRP® elements. These are **design-related** and contribute to the authentic appearance of the floor covering.

To achieve a **uniform overall appearance** and avoid so-called **block formation**, we recommend mixing planks or tiles **from several packaging units** during installation.

Acclimatisation and preparation

After completion of proper **substrate preparation**, all **REGUPOL Commercial LRT® and LRP®** intended for installation must be acclimatised.

For this purpose, the **floor covering** as well as all required **installation materials** must be stored for at least **24 hours** before installation under **constant climatic** conditions in the rooms to be covered or adjacent rooms.

During acclimatisation, the **room temperature should be above 18°C**, and the **floor temperature** should be between **15°C and 25°C** .

The **relative humidity** should **not exceed 65%**.

Cutting and handling

REGUPOL Commercial LRT® and LRP® are cut using a **standard utility knife** in combination with a **metal straightedge or angle** .

Ensure that you replace the knife blades at regular intervals; sharp blades **make cutting easier and ensure clean, precise edges**.

Avoid **excessive compression or bending** of the material, as this can lead to **stress whitening in the coating**.

Bonding

Apply the adhesive recommended by the manufacturer **evenly to the substrate** , observing the **notched trowel size** specified in the technical data sheet (according to TKB).

Check the condition of the notched trowel **regularly**. Do not use worn notches, as this results in an **uneven and insufficient adhesive application**.

Apply only as much adhesive as can be processed within the **open time**. Please note that climatic conditions can significantly influence this time.

Always work within the **working life** of the adhesive.

Adhesive squeeze-out in the joint area must be strictly **avoided**. If adhesive does come into contact with the surface, it must be **removed immediately**.

The **adhesive recommendation applies subject to local conditions**. In the case of special influencing factors, such as **high thermal loads caused by floor-to-ceiling windows or direct sunlight**, **coordination** with **REGUPOL Germany GmbH & Co. KG** is required prior to order placement.

Laying

The area to be covered should be **fully and precisely measured** before installation to ensure a **harmonious overall appearance** in accordance with the material format and the planned installation pattern.

Installation should always proceed **away from the already bonded area** to avoid shifting previously fixed elements due to pushing or twisting movements, for example when working from a kneeling position.

A **chalk line** can be used for orientation and helps ensure a straight and visually appealing installation pattern (in practice, walls are often not straight and rooms are not perfectly square).

Direction arrows are printed on the fleece backing. Ensure during installation that all arrows are aligned in the same direction.

For **REGUPOL Commercial LRT®**, it is recommended to determine the **geometric centre of the room** and use it as a reference point to achieve a harmonious installation pattern.

When installing, ensure an **appropriate offset** between individual LRP® or LRT® elements to guarantee a balanced and even appearance; offsets that are too small should be avoided, as they result in a restless joint pattern. In particular, offsets of only a few centimetres (e.g. approx. 5 cm) are considered insufficient and are not permitted. Step formations must also be avoided.

Installation in a **random stagger** pattern is expressly recommended.

REGUPOL Commercial LRT® and LRP® are **installed without joint filler and butt-jointed**.

Finishing and completion

To achieve **tight joints at the seams**, ensure a **constant room temperature** during and after bonding and **avoid draughts** until the bonding process is fully complete.

After installing the LRT® or LRP®, **the installed area must be rolled crosswise** with a **medium-weight steel roller** (30 kg–50 kg). This ensures **optimal adhesive distribution** and a **full-surface bond** between the floor covering and the substrate.

After 15–30 minutes, re-roll the LRT® or LRP® again crosswise. Any areas that lift up should be **pressed down specifically or re-rolled within up to 60 minutes.**

REGUPOL Commercial LRT® and LRP® are **ready for foot traffic** 24 hours **after completion of installation and** fully load-bearing after 72 hours.

If rolling or heavy loads are moved across the floor earlier, **load distribution panels** (e.g. made of wood) must be used to prevent high point loads and shear forces.

Wet cleaning of the floor covering with water should only be carried out after **72 hours**.

Removability

The fleece layer applied to the back allows **residue-free and clean removal** of the **REGUPOL Commercial LRT® and LRP®**.

Individual LRT® or LRP® elements can be removed piece by piece, while the fleece layer remains in the adhesive bed on the substrate.

As a result, the old floor covering is free from adhesive residues after removal, and contamination from the substructure is avoided.

Thanks to this **single-material separation** and our established **take-back system**, the **REGUPOL Commercial LRT® and LRP®** can be recycled after their service life and returned to the material cycle.

You can find the corresponding **return form** here.