LEYCO®-BEX T2

SELF-LEVELLING MEDIUM DUTY INDUSTRIAL FLOOR

Product Description

LEYCO®-BEX T2 is a pre-mixed powder mixture containing special cements, selected aggregates, and compatible admixtures. This floor layer is typically used for reconstructions and new installations of industrial flooring surfaces. The simple way of performance, together with the rapid strength gain, enable to complete the floor in a short time. After hardening and sealing, LEYCO®-BEX T2 forms an attractive, durable and resistant surface suitable for higher duty at production halls, warehouses, garages, supermarkets, etc.

Uses

It is designed to provide highly fluid, pump able self-levelling floor screed.

Advantages

- **Self-levelling ability**
- **Fast and easy application**
- **Full load already after 7 days**
- **Guaranteed quality - no site production**

Technical Data

Abrasion Resistance	max. 0,04 mm (STO 71)
Strengths	
Compressive strength	min. 45 M Pa after 28 days
Tensile strength under bending	min. 11 M Pa after 28 days
Thickness (LAYER)	5 - 15 mm In case of the unevenness of the surface exceeding 15 mm, it is suitable to level the surface with LEYCO®-BEX U3 first.
Coverage / Yield	
LEYCO®-BEX T2	1.9 kg/m^2 /mm
LEYCO®-PRIMER	0.15 - 0.20 l/mm^2 (on power trowel slab)
LEYCO®-CRYL1	0.15 - 0.20 l/m^2

Consistency

Flow 210 to 230 mm on smooth plastic LEYCO®-BEX pad from LEYCO®-BEX flow-ring (according to ON 705).

Temperature Limitation

The temperature of the sub-base must be above 5 °C; the minimum ambient temperature is 10 °C. Do not install the screed in breezy conditions and switch off all ventilation, during and after the application for 24 hours.

Curing

FOOT TRAFFIC	3 - 4 hours after finishing
FULL LOAD	after 7 days

Appearance/Colour

LEYCO®-BEX T2 is supplied in natural grey (colour of concrete), yellow, and yellow-brown (chamois), red, green, blue and black colours.

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Product Data Sheet

Product No: 04.072

Packaging

LEYCO®-BEX T2 is supplied in 25 kg bags with PE internal insert. LEYCO®-PRIMER in 25 l cans and in 952 l containers (1000 kg), LEYCO®-CRYL1 in barrels of 15 l and 200 l.

Storage/Shelf life

Protect from frost and wet conditions. 6 months from the dispatching date in orig. unopened packs.

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Application

Dosage

The relevant amount of water 4.50 - 5.00 l / 25 kg bag should be measured and poured into the mixing can. Continuously stirring by a suitable paddle clamped into a low speed drill whole pack of LEYCO®-BEX T2 should be slowly added. The mixture must be completely fluid and homogeneous; the time of stirring is approximately 2 minutes. Maximum water amount must not be exceeded. The mixture is allowed standing for approximately 1 minute, and then shortly mixed again.

Surface Conditions

The floor layer should be applied onto sound and clean concrete substrates, free from any contamination. The minimum bond strength (tearing-off) of the concrete slab should be 1.5 M Pa. Cracks, large potholes and other damages of the surface must be repaired first. It is necessary to respect fully the active dilatation joints, i. e. to re-cut them and to fill them with a suitable sealing compound after completion. The LEYCOPRIMER, diluted with water in the ratio of 1 : 3, should be applied on a dry, cleaned concrete slab by roller or paintbrush and let to dry. In case of very absorbent bases, two up to three coats are recommended, the first one should be diluted in the ratio of 1 : 5, the second one of 1 : 3.

Method of application

The mixture should be poured onto the substrate and spread in the required thickness by a steel trowel. The subsequent de-aeration is done with a spiked roller. LEYCO®-BEX T2 can be applied by a pump as well. When applied by the machine, the accurate dosing of water according to the instructions is important. Before the application, testing of the mixture consistency is recommended.

LEYCO®-BEX T2 should be cured by LEYCO-CRYL 1, which is applied within 24 hours after placing the floor in the quantity of 0.15 - 0.20 l/m 2 . This clear solution of acrylic resin gives the surface a significant additional hardening, decreases its absorption and increases its resistance to crude oil products.

Cleaning

All tools and implements should be cleaned with water as soon as possible after finishing the work.

The instructions for the routine cleaning, repair of possible small damages and additional colour treatment of the surface are at disposal.

Safety Instructions

Safety precautions

The product contains cement; therefore it is necessary to wear protective gloves and goggles. Further data are mentioned in a separate document concerning the protection of health at the work with the product and on its cover.

Legal notes

Whilst information and/or specification contained herein is to the best of our knowledge true and accurate, and is based on many years experience, we cannot accept any liability either directly or indirectly arising from the use of our products, whether or not in accordance with any advice, specification or recommendation given by us, as we have no direct or continuous control over how or where our products are applied.

LEYDE-PRODUCTS are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale. 01.09.2009