

# VIACOR *case study*

>> object: Offices, Esselte Leitz GmbH & Co KG

GREEN LINE ECO



The future chillout-lounge of Esselte Leitz

## Design with a shine

The Esselte Leitz GmbH & Co KG company refurbished several slightly aged office rooms into a chillout-lounge for its staff. The goal was to create a comfortable atmosphere – with one requirement: the floor colour had to conform to the wish of Esselte Leitz, the colour NCS S0580-G30Y.



Modern atmosphere after refurbishment

The coating company CBL Chemobau Industrieboden GmbH introduced the system VIASOLE**ELASTIC UV** to Esselte Leitz. The seamless coating system is applicable in many colours with an individual design – thereby fulfilling the condition of a desired colour. Further properties such as impact sound reduction, walking comfort, gentle to the joints, hygienic and tested slip resistance spoke for the system by the industrial floor producer VIACOR Polymer GmbH from Rottenburg. Naturally the certified system build-up also fulfils legal stipulations, such as the AgBB standard or the fire classification.

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### APPLICATION FIELDS:

- Schools, kindergarten, universities
- Hospitals, nursing and residential homes
- Offices and public buildings
- Restaurants und canteens
- Shops, foyers and exhibition areas
- Private apartments and homes

A raised, anhydrite floor with various openings for old sockets and cable tunnels was located in the previous rooms. That is why the CBL company had to carry out substrate preparations first and fill the holes and finally finish by grinding. The first layer that was applied by CBL was VIASOL EP-P285, a water-based coating which demonstrates a great adhesion to anhydrite. For an optimal

further processing, the company chose the binder VIASOL EP-P203 in connection with a biaxial texture for the lamination and scratch coat. In order to close the pores and to produce a homogenous surface VIASOL PU-C525 was used as the third layer. The top coat VIASOL PU-C500, an aliphatic, colour solid polyurethane coating corresponded to the desired colour of Esselte Leitz. Applying chips to this PU-coating lead to a special effect and thereby a visual highlight was created. Finally, this high-gloss surface received a colourless, matt seal through the product VIASOL PU-S688N. This extraordinary room is provided with an impressive atmosphere thanks to this design floor and the pretty light incidence.



Sanding after applying primer



Sealing of the new floor

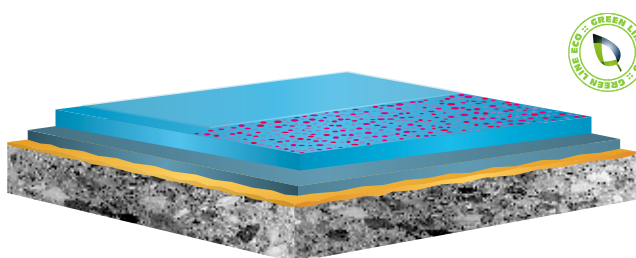
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## VIASOLELASTIC UV

Transparent seal coat	VIASOL PU-S688 N
Self-levelling coat	VIASOL PU-C500
Poresealer	VIASOL PU-C525
Glass fabric	VIASOL 290 g/m <sup>2</sup>
Lamination coat	VIASOL EP-P203
Primer	VIASOL EP-P285
Substrate	

Elastic polyurethane coating system, very good UV- and colour stable, impact sound reducing, gentle to knees and joints, temperature pleasing to the feet, with light to medium mechanical and chemical resistance and a wide colour spectrum.



Systemthickness: 3 - 5 mm

Variations in system structure and layer thicknesses possible

### SYSTEM HIGHLIGHTS

- Very high UV- and colour stable
- Many colours available. individual designs
- Impact sound reducing up to 23 dB



Corporate design colour of Esselte Leitz

### SYSTEM BENEFITS

- Low emission tested accord. AgBB guidelines
- Gentle to knees and joints, durable elasticity
- High abrasion resistance, suitable for suitable for castor chairs
- Self-leveling, seamless and jointless
- Homogeneous and anti-skid surface
- Hygienic, no pores, impermeable to liquids
- Easy to clean and maintain
- Suitable for floor heating
- Fire resistance class Bfl-s1

Coating company:

**CBL Chemobau Industrieboden GmbH**

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**D-74211 Leingarten**