

LEONHARD WEISS flooring systems:

LW PHARMA TERRAZZO CRL

The chemically resistant and highly electrically conductive industrial floor for the fine chemical and active ingredients (API) industry.

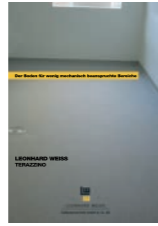


LW PHARMA TERRAZZO

The hygienic industrial floor for the pharmaceuticals industry. Dissipative version also available.

LW PHARMA TERRAZZO Natural

The hygienic industrial floor when appearance isn't so important. Machine-laid in large coherent areas.



LW TERRAZZINO

The elegant hygienic floor with a lower foundation height.

LW INDUSTRY TERRAZZO

The hygienic industrial floor for the cosmetic and foodstuff industries.



LW MUSEUMS TERRAZZO

The highly aesthetic design floor for museums and showrooms. AgBB-conformity.

LW KITCHEN TERRAZZO

The highly aesthetic industrial floor for kitchens.



LW coatings and seals (WHG and ESD)

for your specific applications.



DIN EN ISO
9001 : 2000



Industrie Service
Specialized company in
acc. with § 19 I WHG

5 Jahre

5-year
STANDARD WARRANTY
for LW TERRAZZO
SYSTEMS



Test certificate

on the skid resistance
test of floors

MPA

MPA STUTTGART
Otto-Graf-Institut

Test certificate

Bending tensile and
compression strength

**LEONHARD WEISS
PHARMA TERRAZZO**



LEONHARD WEISS

Fußbodentechnik GmbH & Co. KG

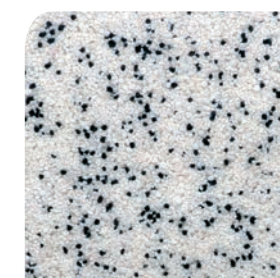


Technical data according to CE (DIN EN 13813:2003-01SR):

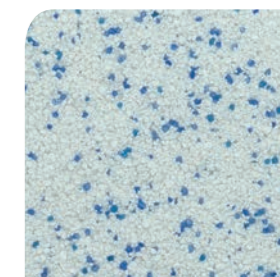
LW PHARMA TERRAZZO Standard colors:

Compression strength:	> 60 N/mm ² , depending on system, EN 13892-2
Bending tensile strength:	> 30 N/mm ² , depending on system, EN 13892-2
Fire protection class:	DIN EN 13501-1
Fire performance class:	Fire behavior: Bfl, smoke production: s1
Mechanical capacitance:	In acc. with DIN 18560, Part 7, Table 1 capacitance group I
Abrasion resistance:	In acc. with DIN 52108 3.0 cm ³ / 50 cm ² - Boehme disc
Chemical resistance:	Sound resistance to conventional cleaning agents and disinfectants. Detailed resistances on request.
Thermal resistance: (Dry)	- 20° Celsius to + 50° Celsius in standard design; special designs up to 120° Celsius
Skid resistance (slippery):	BIA test in acc. with BGR 181 and DIN 51130 (adjustable from R9 - R11)
Clean class:	A - D respectively ISO Class 2 - 9
Food legislation:	German LAW Book on Foodstuff and Feeds
AgBB-conformity:	Only used in staff rooms (Special design)

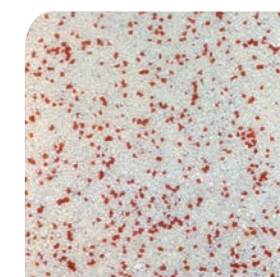
Special colors available upon request



WHITE/BLACK



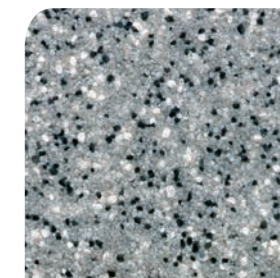
WHITE/BLUE



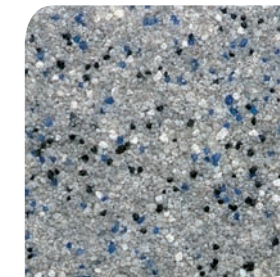
WHITE/RED



WHITE/GREEN



GRAY/BLACK



GRAY/BLUE

Technical design	LW PHARMA TERRAZZO	LW PHARMA TERRAZZO ECF or DIF
Layer thickness:	8 - 10 mm	6 - 8 mm
Mounting period:	5 calendar days	7 calendar days
Layer structure:	Adhesive bridge Mortar layer Smoothing layers Sealing	Adhesive bridge Conductive layer with copper strips Mortar layer with conductive aggregate Smoothing layers with conductive aggregate Sealing, optionally conductive grinding
Dissipation properties in acc. with DIN EN 61340-4.1 and 1081 or ATEX or antistatic:-		Variant 1: Electrostatic conductive ECF R=10 ⁴ - 10 ⁶ Ohm Variant 2: Dissipating DIF R =10 ⁶ - 10 ⁹ Ohm Variant 3: Electrostatic discharge > 2 KV
Materials:	Epoxy resins, coated special granules. Sealing on epoxy or PUR basis.	Epoxy resins, coated special granules and conductive materials.
Colors:	Most RAL colors are available as ground colors and as dotted with color sands on customer request.	Due to the use of conductive materials, the selected ground color should not be too light.
Application:	New construction/redevelopment of hygienic areas in the pharmaceutical or fine chemical industry.	New construction/redevelopment areas, hazardous areas in acc. with ATEX 100a or BGR 132.

Sealing and joining at hygienic drains



Triangle at installations without wall offsets



Cove with wall offset as well as landing junctions



Convincing advantages!

1 The hygienic floor with top-quality optical appearance

The hygienic floor LW PHARMA TERRAZZO offers a top-quality optical appearance and resembles a terrazzo. Numerous color variants are available. The surface can be delivered in a matt- or satin-finished design. All floors are applied by permanently employed in-house employees.

2 Jointless and non-porous

The LW PHARMA TERRAZZO floor is laid without any joints. A non-porous surface is achieved thanks to the application of multiple layers of solvent-free, highly light-resistant and finely penetrating epoxy resin.

3 GMP- and FDA-like

The LW PHARMA TERRAZZO is applied in pharmaceutical production. It fulfills all requirements according to the EU regulations on the production of pharmaceuticals (GMP) and according to the FDA. On request, it is also available in an electrostatic conductive (ECF) or dissipative (DIF) design.

4 Excellent realization of all details

Whether wall sockets in cove or triangle design, whether installations such as slopes, drains, floor scales or tube jointing sleeves – everything can be smoothly integrated and connected. This applies both to new constructions as well as to redevelopments.