



Enke Betoncoat®

The floor coating system for heavy cases

HiLite floors

The ingeniously creative flooring
for unsurpassed design flexibility

www.enke-werk.de



Enke Betoncoat®

for the most stringent requirements

Enke's Betoncoat® coating system offers a well-rounded product range of high-quality, tried and tested resins for floor coatings exposed to high mechanical and chemical load. There is a technically and economically optimal solution for each requirement.

The visual effect can be configured very flexible and individual due to the different coloured sealants and the sprinkling in of coloured plastic chips. The surface texture can be adapted – from smooth to highly slip-resistant.

A distinction is made between the PUR, PMMA and EP coating systems:

Enke's Betoncoat® **PUR coating system** is characterized by the flexibility of its configuration. The different system components can be optimally adapted to the substrate conditions and the surface load.

Enke's Betoncoat® **PMMA coating system** impresses with its fast reaction. The reaction times of the individual layers of the system are short, minimising downtime during floor coating.

Enke's Betoncoat® **EP coating system** is available in a variety of colours. There are no limitations except the own creativity.

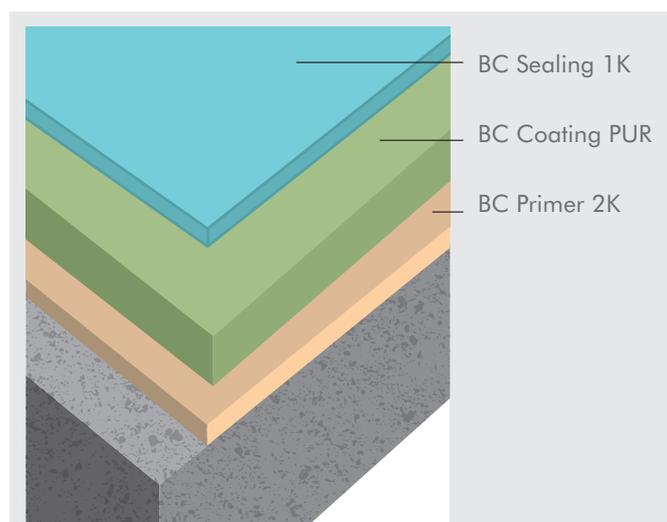
A special position is taken by Enke's QuartzColor (coloured quartz sand mixture). In this variant, Enke QuartzColor Liquid is covered with sprinkled-in coloured sand mixture, which then is sealed with Enke QuartzColor Liquid again. The result is a floor for very demanding applications, in terms of both utilisation and appearance.

Product benefits

- Jointless application
- Resistant to oil and chemicals
- Resistant to plasticisers (car tyres)
- Highly durable
- Physiologically harmless
- High functional reliability
- Crack-bridging
- Slip-resistant
- A wide variety of visual design options

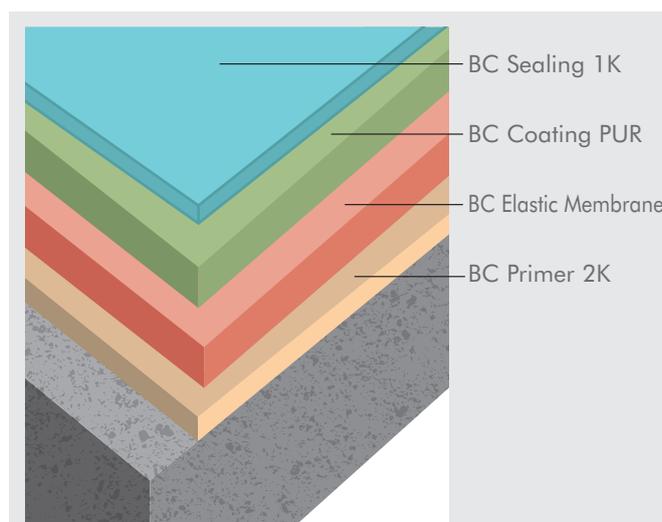
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Examples of possible layer structures



Standard layer structure

- Highly durable
- Evenly surfaced
- Impermeable to liquids
- Capable of bridging cracks of up to 1 mm at 20°C if the layer thickness is at least 3 mm



Crack-bridging layer structure

- Extremely durable
- Impermeable to liquids
- Capable of bridging cracks of up to 3 mm at 20°C if the layer thickness is at least 5 mm

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Application examples



Warehouse



Shop premises



Cellar



File room



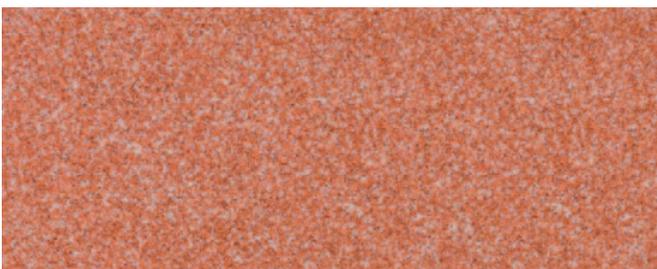
Office



Parking level

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Surface examples



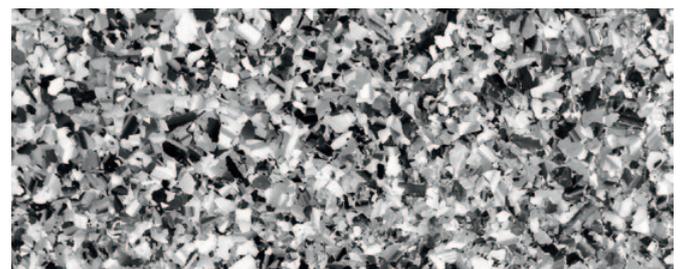
QuarzColor



Solid colour



Partially covered with sprinkled-in chips



Fully covered with sprinkled-in chips

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System configuration

	PUR	EP	PMMA
Primers:	<ul style="list-style-type: none"> • BC Primer 2K primer for mineral substrates or other porous surfaces • BC Primer 2K Aqua Reactive primer featuring very good adhesion to old resin coatings, metals and smooth, grease-free, non-porous substrates • BC Primer 1K Primer specifically for mastic asphalt 	<ul style="list-style-type: none"> • BC Primer 2K primer for mineral substrates or other porous surfaces • BC Primer 2K Aqua Reactive primer featuring very good adhesion to old resin coatings, metals and smooth, grease-free, non-porous substrates • BC Primer 1K Primer specifically for mastic asphalt 	<ul style="list-style-type: none"> • BC Primer PMMA Very fast curing primer for mineral substrates
Crack-bridging interlayer:	<ul style="list-style-type: none"> • BC Elastic Membrane Two-component, highly tear-resistant elastic intermediate layer 		<ul style="list-style-type: none"> • BC Coating PMMA Flex Two-component, self-levelling, abrasion-resistant, fast curing elastic intermediate layer
Coatings:	<ul style="list-style-type: none"> • BC Coating PUR Two-component, self-levelling, abrasion-resistant coating 	<ul style="list-style-type: none"> • BC Coating EP Two-component, self-levelling, abrasion-resistant coloured coating 	<ul style="list-style-type: none"> • BC Coating PMMA Two-component, self-levelling, abrasion-resistant, fast curing coating
Coloured sealants:	<ul style="list-style-type: none"> • BC Sealing 1K Hard-wearing, abrasion-resistant one-component sealant • BC Sealing 2K Aqua Two-component reactive sealant for floor coatings that have been sanded to prevent slipping 		<ul style="list-style-type: none"> • BC Sealing PMMA Two-component, very fast curing reactive sealant
Transparent sealants:	<ul style="list-style-type: none"> • BC Sealing 1K Light-resistant, hard-wearing, abrasion-resistant one-component sealant • BC Sealing 2K Aqua Two-component top sealant for floor coatings sprinkled with chips or sand • Enke QuarzColor Liquid transparent sealant for coloured quartz sand mixture 	<ul style="list-style-type: none"> • BC Sealing 1K Light-resistant, hard-wearing, abrasion-resistant one-component sealant 	
System components:	<ul style="list-style-type: none"> • Enke plastic chips in a variety of colours • Enke QuarzColor coloured quartz sand mixture • Enke QuarzColor Uni coloured quartz sand in uniform colour 	<ul style="list-style-type: none"> • Enke plastic chips in a variety of colours 	<ul style="list-style-type: none"> • BC Hardener Powder PMMA

HiLite floors

for presentation areas that catch everyone's eye

HiLite floors, designed for particularly exclusive and at the same time very durable presentation areas, allow you even greater design flexibility. Discover new design concepts with this unique floor coating system made of solvent-free reaction resin systems which meets even the most challenging requirements – also in terms of design.

Car showrooms, exhibition stand construction, fashion boutiques, corporate stores or garages of antique car enthusiasts – HiLite floors ennoble every substrate and any presentation. But representative space, such as entrance halls, exhibitions or office space, gains in elegance and uniqueness as well. To architects and interior designers HiLite floors signify a completely new design discipline with maximum flexibility.

HiLite floors

for effects with long lasting impressions

HiLite floors – any substrate will do

Concrete, cement screed, old coatings, tiles, etc. – plenty of substrates can be upgraded with HiLite floors. In addition, you can choose the surface texture yourself. Anything is possible: from completely smooth to highly slip-resistant.

HiLite floors – exclusive floors from selected specialists

HiLite floors are applied by selected, specially trained companies. This is necessary to ensure that your customised HiLite floor is applied as professionally as you have a right to expect. HiLite floors products are therefore available only at selected specialist dealers.

HiLite floors – fabulous features

The layer structure of tried and tested reaction resins allows a wide range of design options to be realised. HiLite floors are also easy to apply for the specialist company.

HiLite floors are:

- Customisable
- Highly durable
- Crack-bridging with Betoncoat Elasticmembran (elastic membrane)
- Jointless
- Environmentally friendly
- Tested by the AgBB (Ausschuss zur gesundheitlichen Bewertung von Bauprodukten – German Committee for Health-related Evaluation of Building Products)

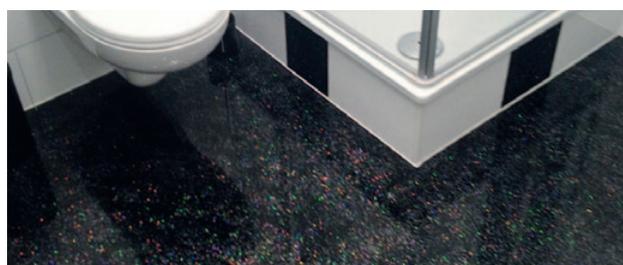
HiLite floors – applications:

Business:

- Product exhibitions/showrooms
- Presentable storage space
- Shopping malls/centres
- Shop floors
- Shop windows
- Shop-in-shop areas
- Galleries
- etc.

Private:

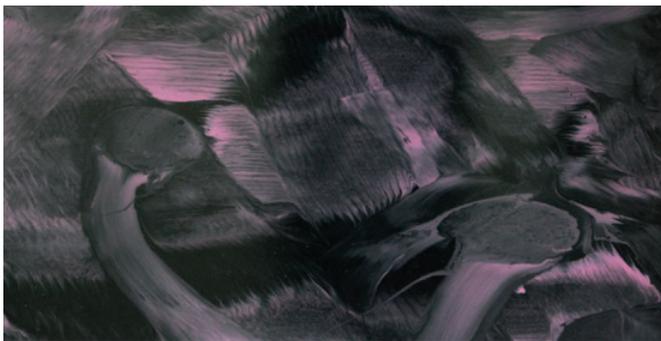
- Garages
- Cellars
- Entrance areas
- Work areas
- Bathrooms
- Livingrooms
- Kitchen
- etc.



HiLite floors

for outstanding design flexibility

HiLite floors design gives you the scope for individual creativity you need: you are completely free to configure your floor. Make surfaces glitter, give them noble lustre or even customise your floors with crisp lettering or logos. There are no limits to the design options. All it takes is your courage and imagination!



Wipe technique



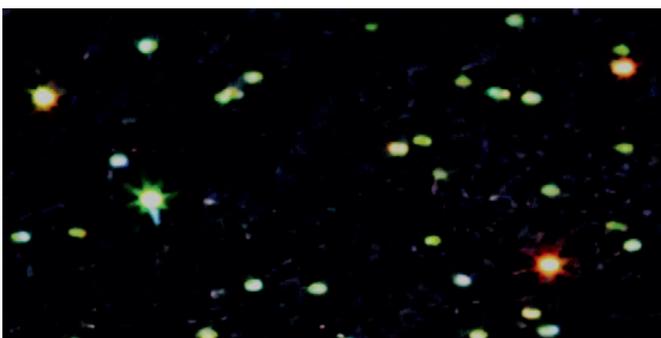
Pouring technique



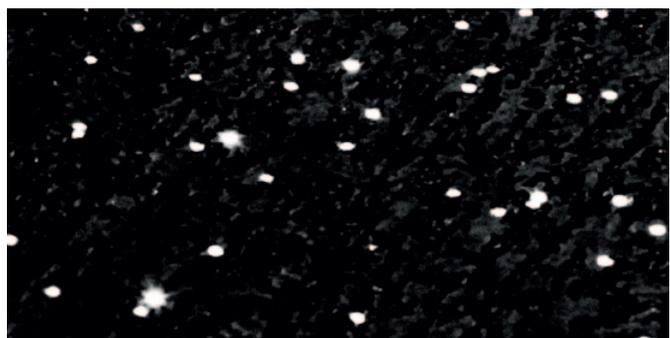
Marbling technique



Structure technique



Holographic glitter technique



Monographic glitter technique

HiLite floors

for luminosity with after-glow effect

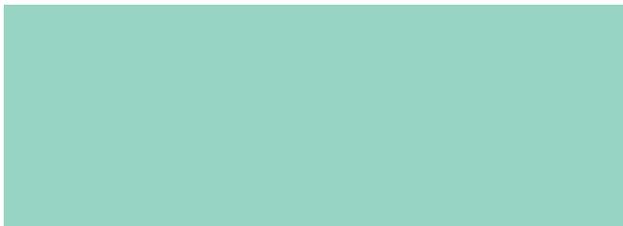
The self-luminous floor surface with lumina effect is our special "HiLite". HiLite floors lumina absorbs light and emits it again in the dark. This allows you to create completely new and unique designs: you can produce exciting lighting effects, make entire surfaces glow or provide a surprise by incorporating elements with lumina effect into your lighting concept. Tell us what you are envisioning – we will specifically customise your HiLite floor for you.



HiLite floors lumina by day ...



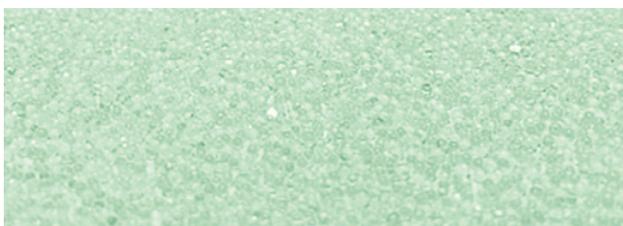
Chips



Solid colour

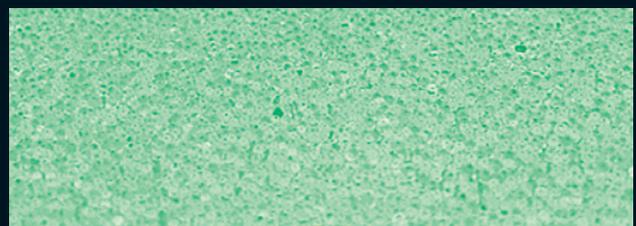
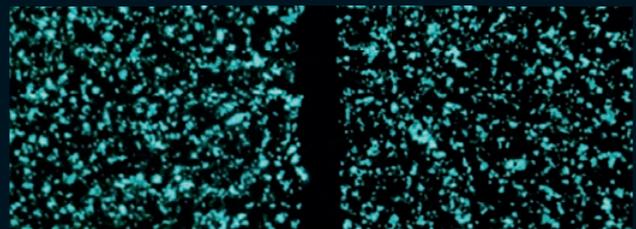


Wipe technique



Granular material

... and at night



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