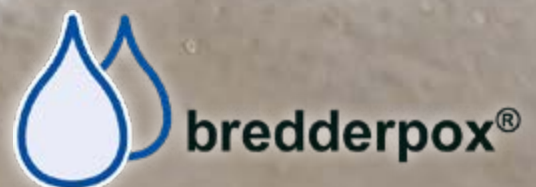


Building chemistry





About us

Since the company was founded in 2004, HP-Textiles GmbH has stood for the development and distribution of fibre-reinforced materials. In addition to a wide range of fibre reinforcement materials and specially formulated epoxy resins, further strategic business areas have been created with DeinTeich.de and bredderpox®. As a result, our satisfied customers include not only the composites industry but also users from the pool construction and surface protection systems sectors.

Our business areas:



Composite Materials



hp-textiles.com/shop



Teich Pool Dach
GRP-Coatings



deinteich.de



Building Chemistry



breddermann-kunstharze.de

In order to guarantee our business partners a continuously high quality of our services as well as optimal process reliability, the quality management of HP-Textiles was certified according to DIN EN ISO 9001 in 2011. Through enthusiasm and passion for scientific research, coupled with an understanding of our customers' wishes, we guarantee optimal product properties in the future as well.

Together with strong partners from science and industry, we also offer custom synthesis and manufacturing of a wide variety of products. The establishment of a networked, cross-company development allows us to respond to customer wishes even at short notice. Variable batch sizes enable us to supply large industrial customers as well as small quantities for project developments.

Our young, qualified team, a large warehouse and reliable logistics partners guarantee fast processing of your order.

The constant further development of our product range should also be a basic requirement in the future in order to guarantee optimum component properties at economical prices!

Your team of
HP-Textiles GmbH

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Prices and availability
can be found in the online shop
at
www.hp-textiles.com

Or simply scan
the QR code



Epoxy Primer

2-component epoxy primer with pronounced adhesion and wetting properties on mineral / porous substrates.



Article no.	Quantity	Colour
E35GS-1.4	1,4 kg	Amber
E35GS-4	4 kg	

Characteristics:

- ✓ solvent-free
- ✓ unfilled
- ✓ low viscosity
- ✓ consolidating & pore filling

- Very good wetting properties
- **Water barrier layer**
- Deep impregnation adjustable
- Pore filling and substrate consolidation
- Very high chemical resistance
- High adhesion properties on many substrates:
 - Concrete, masonry, cement render, wood, metal and many more.
- Substrate preparation for system build-up with E30RB or E30VB



Data sheet

Suitable for:

- Mineral, wood-bound and metallic substrates
- Residual moisture substrate max. 6 - 8%

Consumption:

approx.
150 - 250g/m²

Required tools:



The priming system E35GS can be applied with a paint roller or rubber squeegee.

Notes:

Use as deep impregnation:

In combination with our epoxy resin thinner (XB), the primer system can be used as a deep impregnation. For this purpose, 5-10% thinner (depending on the substrate) must be added to the mixture.



Epoxy Filler System

2-component epoxy filler system with fine fillers. Coloured in light green.

Article no.	Quantity	Colour
E30S-1000	1 kg	Light green - matt
E30S-5000	5 kg	



Characteristics:

✓ solvent-free ✓ coloured ✓ pastös ✓ pasty ✓ semi-flexible

- Excellent adhesion to wood, steel and mineral substrates, if properly pre-treated with an epoxy resin primer system
- High water vapour impermeability
- Semi-flexible so that vibrations are dampened
- High resistance to many chemicals
- Good sandability
- Dust dry after approx. 120 min.



Data sheet

Suitable for:

- Mineral substrates
- Steel, wood, composites (e.g. epoxy, polyester...)

Consumption:

as needed

Required tools:



E30S can be applied and spread with a conventional trowel. The surface should be primed in advance with an epoxy resin primer system.



Epoxy roll coating

2-component epoxy roller coating with medium working time for high-quality floor and wall coatings.



Article no.	Quantity	Colour
E30RB-2	2 kg	Gravel grey similar to RAL7032
E30RB-4	4 kg	

Characteristics:

✓ solvent-free ✓ coloured ✓ viscous ✓ chemical resistant ✓ rollable & brushable

- Brush-on/roll-on coating compound for floor and wall coatings.
- Very good adhesion, high abrasion resistance (in system build-up with epoxy resin primer E35GS)
- Can be equipped with anti-slip properties if required
- Very high chemical and mechanical resistance
- High-quality surface, which is easy to clean
- Solvent-free, can be thinned with HP-XB thinner if required (maximum 5 %)



Data sheet

Suitable for:

- **Interior and exterior for floors and walls**
- On cement- or wood-bound substrates
- Garages, feeding tables in livestock farming, slaughterhouses, milking stables, utility floors within livestock farming, warehouses, etc.

Consumption:

approx.
400 - 600g/m²

(depending on the sub-
soil)

Required tools:



The roller coating can be applied with a paint roller or brush.

Notes:

The colour shade can be individually adjusted for a minimum weight of 200 kg.



Epoxy levelling coating

2-component epoxy flow coating with medium working time for high-quality floor coatings with self-levelling flow properties.



Article no.	Quantity	Colour
E30VB-5	5 kg	Gravel grey similar to RAL7032
E30VB-25	25 kg	

Characteristics:

✓ solvent-free ✓ coloured ✓ viscous ✓ self-levelling ✓ chemical resistant

- **Self-levelling floor coating**
- Very good adhesion, high abrasion resistance (in system build-up with epoxy resin primer E35GS)
- Very high chemical and mechanical resistance
- High-quality, glossy surface which is easy to clean
- Solvent-free



Data sheet

Suitable for:

- **For floor coatings indoors and outdoors, with a max. slope of 1%.**
- On cement- or wood-bound substrates
- Coating of damaged, new or rough floors in workshops, garages, feeding tables in livestock farming, slaughterhouses, utility floors within livestock farming, warehouses, etc.
- **Not** applicable on curved, sloping and movable substrates.

Consumption:

approx.
2 - ≥ 5 kg/m²
(depending on the subsoil)

Required tools:



The flow coating is poured over the surface to be coated and distributed with a flat scraper. The layer height is defined according to the tooth height. The surface is then deaerated several times with a deaeration roller.

Notes:

The colour shade can be individually adjusted for a minimum weight of 200 kg.



2-Component Top Coat PUR-PLUS

2-Component PUR PLUS - Suitable for permanent water load -

High-quality, solvent-based 2-component topcoat PUR-PLUS for glossy and weather-resistant finishes according to RAL.



Article no.	Quantity	Colour
HP-PP-1.5	1,5 kg	almost all RAL colours
HP-PP-3	3 kg	

Characteristics:

- ✓ brilliant colours
- ✓ easy application
- ✓ Very good resistance to weathering and chemicals

- Forms a glossy surface with high abrasion resistance.
- Very good water and chemical resistance (if the dosing instructions for the chemicals used for swimming pool hygiene are observed), suitable for continuous water exposure
- Long-lasting colour stability due to good UV protection
- Excellent fullness of the coating film
- Ready to roll and brush on



Data sheet

Suitable for:

- **Interior and exterior for floors and walls**
- Substrates made of GRP, wood, cement, aluminium, steel
- Suitable for coating machinery, deck structures, furniture, containers, GRP parts, pond and pool coatings

Consumption:

approx.
100 - 150 g/m²
(depending on the subsoil)


Required tools:






HP-PUR-PLUS is ready to roll and brush.

For application, we recommend our paint rollers HP-L1032 (width 25cm), HP-L1034 (width 10cm) or suitable paint brushes or flat brushes. Conventional paint rollers available in DIY stores cannot be recommended due to the formation of bubbles during application!



2-Component PUR PLUS TEXTURE			- Non-slip -
High-quality, solvent-based 2-component topcoat PUR PLUS for textured, non-slip and weather-resistant finishes according to RAL.			
Article no.	Quantity	Colour	
HP-PP-1.5-TT	1,5 kg	almost all RAL colours	
HP-PP-3-TT	3 kg		

Characteristics:	
<ul style="list-style-type: none"> ✓ brilliant colours ✓ easy application ✓ Very good resistance to weathering and chemicals 	
<ul style="list-style-type: none"> Forms a textured and non-slip surface Good water and chemical resistance (if the dosing instructions for the chemicals used for swimming pool hygiene are observed) Long-lasting colour stability due to good UV protection Good filling power, small irregularities are concealed Ready to roll and brush by addition of thinner HP-IMC-X (spraying possible in the commercial sector) 	  Data sheet
Suitable for:	
<ul style="list-style-type: none"> Ideally suited for coating tank surfaces, bus roofs, boat and ship decks, surfboards, walking areas of industrial floors or in swimming pools, and much more. 	
Consumption:	Required tools:
approx. 200 - 250 g/m ² (depending on the subsoil)	 <p>For application we recommend our polyamide rollers HP-L1016 (width 10cm), HP-L1017 (width 15cm) and HP-L1022 (width 25cm).</p>



Epoxy Corrosion Protection

2-component epoxy corrosion protection with pronounced resistance and adhesion properties on metallic substrates.



Article no.	Quantity	Colour
E40KS-2	2 kg	Gravel grey similar to RAL7032

Characteristics:

- ✓ solvent-free ✓ coloured ✓ viscous ✓ chemical resistant ✓ rollable & brushable
- Very high adhesion properties
- **Very good chemical resistance, protection against acids and alkalis**
- Protective barrier against moisture and other influences
- Forms a tack-free, scratch-resistant surface
- Solvent-free, can be diluted with our thinner HP-XB if necessary (max. 2 - 5%)



Data sheet

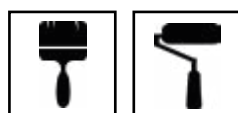
Suitable for:

- Metal objects in outdoor areas
- Stable equipment such as posts, feeding fences, cubicles and partitions

Consumption:

approx.
250 - 400 g/m²

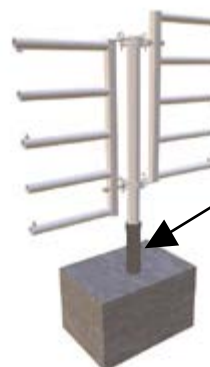
Required tools:



The corrosion protection system can be applied with a paint roller or brush.

Notes:

Before application, the substrate must be roughened with a wire brush, flap disc or sandpaper.



Epoxy Pavement Joint System

2-component epoxy based system for paving grout. Suitable for medium to large areas to be grouted using the „slurry method“.



Article no.	Quantity	Sufficient for
EW60F-500	0,5 kg	approx. 6 kg Sand
EW60F-1000	1 kg	approx. 12,5 kg Sand
EW60F-2000	2 kg	approx. 25 kg Sand

Characteristics:

✓ solvent-free ✓ medium viscosity ✓ unfilled ✓ slurry method

- Quick and durable grouting
- Clean paved surfaces, NO weed growth
- Slip resistant, reduced risk of accidents
- No formation of cement haze
- Waterproof or diffusion-open adjustable
- Suitable for use with sweeping machines
- Self-compacting
- Light to heavy traffic load, depending on mineral composition
- Can be thinned with water and applied in drizzling rain
- Low odour
- Very resistant to chemicals
- Environmentally compatible when cured



Data sheet

Suitable for:

- Surface sealant / water barrier
- Basis for filled levelling compounds, polymer concrete
- Force-fit resinification of cracks and joints in screeds and concrete
- Repair of defects in mineral floors

Consumption:

as needed

Required tools:



Depending on the application, the ready-mixed mortar can be worked into the surface with a rubber scraper, hair broom or spatula.

Notes:

Depending on the desired consistency, the mortar can be diluted with water. Please note that a maximum of the same amount of water (compared to the epoxy resin) can be added. For example: for 1.0 kg epoxy resin add max. 1.0 L water.

Thinner

XB thinner is a cleaning agent for cleaning applications and passive thinner for epoxy systems. IMC-X is a xylene-based thinner for our 2-component PUR-PLUS top coats.



Article no.	Quantity	Colour
XB-1 / IMC-X-1	1 L	neutral in colour
XB-5 / IMC-X-5	5 L	
XB-10	10 L	

Characteristics:

- Neutral in colour
- High dissolving power

Suitable for:

- Thinner for epoxy resin surface systems as a painting aid
- Thinner for EP primers
- Solvent for cleaning applications
- Brush and equipment cleaner



Data sheet
XB



Data sheet
IMC

Cleaning agent / acetone

Acetone is a ready-to-use cleaning agent with highly effective properties. It is used for cleaning tools and for degreasing substrates.



Article no.	Quantity	Colour
AC-1	1 L	neutral in colour
AC-5	5 L	
AC-10	10 L	

Characteristics:


- Neutral in colour
- Fully miscible with water
- Aromatic / fruity smelling












Data sheet






Suitable for:

- Brush and equipment cleaner
- Solvent for cleaning applications



Brushes		
L1102	Flat brush 25 mm	
L1110	Flat brush 35 mm	
L1003	10tlg. Set of brushes	

Rollers / Venting rollers		
L1030	Plastic handle For small rollers with a width of 10-16 cm	
L1023	Plastic handle For small rollers with a width of 18-25 cm	
L1026	Polyamide roller, 25 cm incl. plastic handle with holder for telescopic pole	
L1016	Polyamide roller, 10 cm	
L1017	Polyamide roller, 15 cm	
L1022	Polyamide roller, 25 cm	
L1034	Painting and sealing roller, 10 cm	
L1032	Painting and sealing roller, 25 cm	
L1021	Spiked groove deflation roller incl. bracket and plastic handle with holder for telescopic pole	

Buckets

L1036	Plastic bucket 8 ltr. Suitable for mixing polyester or epoxy resin Suitable for polyurethane coating	
L1036-FEE	paint bucket insert for 8 ltr. bucket HP-L1036-FEE Suitable for mixing polyester or epoxy resin Suitable for polyurethane coating	
L1037	Plastic bucket 12 ltr. Suitable for mixing polyester or epoxy resin Suitable for polyurethane coating	
L1037-FEE	paint bucket insert for 8 ltr. bucket HP-L1037-FEE Suitable for mixing polyester or epoxy resin Suitable for polyurethane coating	
L1050	Plastic bucket 14 ltr. with scale	

Other Tools

L1024	Telescopic stick 200cm	
L1051 / L1052	Round stirring bars: L1051 up to 15 kg L1052 up to 25 kg with holder for drilling machines	

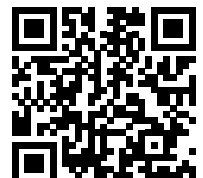
On our website (Video & Download Portal) you can find various work instructions, tutorials and videos for free. Some examples are listed here. You can easily access the following QR codes.

Videos

We are HP-Textiles



Mixing epoxy resin and hardener



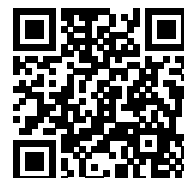
Create electro casting compound



Pond and pool coating



GRP roof coating



Our business areas:



Composite Materials

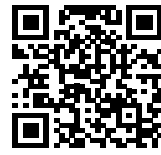
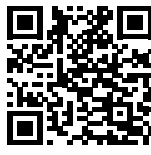
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