

vdw 700 – Surface Coating

COLOROUT

For asphalt and
hydraulic-bound bases

For cycle paths,
footpaths, turning
lanes, crossings and
surface design.

- coloured
- slip-resistant
- highly wear-resistant
- emission-free



for light to
medium
traffic loads



Quality for Professionals

References



For greater safety – Berlin Neukölln & Treptow-Köpenick, tens of thousands of m² of green cycle paths – in hazard areas the cycle path is finished in red



Urban design solutions – Zurich (Switzerland)
vdw 700 transparent with granite chippings replaces coloured asphalt



Designing park areas – Olivaer Platz in Berlin
vdw 700 with 1–3 mm granite chippings creates the look of a water-bound path surface with markedly less maintenance

Technical Data

Product description

Reaction-resin based, solvent-free coating material.

Binder: 2-component, solvent-free, flexibilised epoxy resin
Packaging: 5 and 10 kg metal tins

Material data

Viscosity: 5000 – 6000 mPas
E-Modulus: 200 N/mm²
Storage life: 1 year, stored dry and frost-free

Application data

Mixing ratio: A:B = 100:45
Pot life: approx. 10 minutes at 20 °C
Outside temperature: ≥ 15 °C
Substrate temperature: ≥ 15 °C (at least 3 °C above the dew point temperature)

Ecology

Water hazard class:	Component A:	WGK 2
	Component B:	WGK 3
Disposal code:	Component A:	080410, 080299, 080499
	Component B:	080410, 080499

Packaging

Colours

Pack size (metal tins)

Art. no.

transparent	5 kg	700 101 705
	10 kg	700 101 710
yellow	5 kg	700 111 705
	10 kg	700 111 710
green	5 kg	700 161 705
	10 kg	700 161 710
red	5 kg	700 132 705
	10 kg	700 132 710
blue	5 kg	700 151 705
	10 kg	700 151 710
grey	5 kg	700 174 705
	10 kg	700 174 710
black	5 kg	700 191 705
	10 kg	700 191 710

Ecology

Disposal:

- Drip-free and scraper-clean empty containers can be disposed of free of charge via our certified contract partner. Further information on 0 800 / 800 850 800.
- Unmixed material must be disposed of as hazardous waste. Mixed and cured material is an inert product and requires no special disposal.
- For product-related information please refer to the container labelling and to the safety data sheets.

Application



Observe the substrate requirements



Prepare the substrate carefully



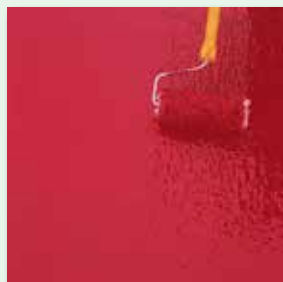
Mask off the area to be coated



Pour component B into component A and mix thoroughly



Apply all of the material and spread it with a rubber squeegee



Work over with a paint roller



Broadcast aggregate onto the fresh coating



Follow the curing notes

Requirements:

Sufficient surface strength of the asphalt or concrete substrate. Suitable weather conditions, relative humidity $\leq 80\%$, object temperature $\geq 15\text{ }^{\circ}\text{C}$ and at least $3\text{ }^{\circ}\text{C}$ above the prevailing dew point temperature.

Tools:

Drill and mixing paddle, rubber squeegee, paint roller, shovel and broom.

Preparation:

Clean the substrate carefully, mask off the area to be coated with adhesive tape.

Material preparation:

Pour the binder components together and mix them with a slow-running stirrer, mixing time at least 3 minutes.

Application:

Apply the binder to the area to be coated immediately. Spread it with a rubber squeegee. Work it over with a paint roller. Broadcast aggregate over the whole of the coated area immediately. Remove the masking tape.

Brushing off:

Once the coating has hardened, take up the excess broadcast aggregate.

Curing:

The following points refer to a temperature of $20\text{ }^{\circ}\text{C}$ and 65% relative humidity (high temperatures shorten, low temperatures lengthen the curing time).

Once the coating has hardened, the excess broadcast aggregate must be removed and picked up by sweeping or vacuuming.

At $20\text{ }^{\circ}\text{C}$ the hardening time until the area can be released to traffic is approx. 2.5 – 3 hours.

Freshly applied vdw traffic surface coatings must be protected from rain until they have cured.

Important Notes

Substrate

Certain minimum requirements apply to the substrate for the vdw traffic surface coating systems.

- Hydraulically and bituminously bound substrates must be clean and dry. Weak areas and contamination such as rubber abrasion, oil etc. must be removed by suitable pre-treatment methods.
- Hydraulically bound substrates must have a bond strength of $\geq 1.5 \text{ N/mm}^2$.
- Bituminously bound substrates must not contain any fluxing agents. New asphalt surfaces must have been subject to traffic for some time. Otherwise pre-treatment is required to remove the binder or mortar layer present at the surface.
- Suitable weather conditions, relative humidity $\leq 80 \%$, object temperature $\geq 15 \text{ }^\circ\text{C}$ and at least $3 \text{ }^\circ\text{C}$ above the prevailing dew point temperature.
- Existing road markings must be removed.

Substrate preparation

- If necessary, pre-treat the substrate by grinding, shot blasting or milling until the required surface strength is reached.
- Clean the substrate free of dust.
- Mask off the area to be coated with masking tape.

Material preparation

- Components A and B are mixed thoroughly, i.e. for at least 3 minutes, with a slow-running single-hand stirrer or drill. You will find stirrers and mixing paddles in our accessories range.
- Do not apply the material straight from the supply container. After mixing, decant it into a clean vessel and stir it again carefully.

Application

- On the prepared and cleaned substrate, mask off the area to be coated with adhesive tape.
- Press the adhesive tape down firmly.
- Apply the machine-mixed vdw 700 surface coating to the masked-off substrate and spread it with a rubber squeegee.
- The spread binder must then be worked over with a sheepskin roller to achieve good wetting of the substrate and to ensure an even distribution of the binder on the base.
- Immediately after the coating has been applied, broadcast an excess of aggregate over the area.
- Then remove the adhesive tape to prevent material sticking to it.

Consumption

- **vdw 700 Surface Coating:** approx. 1 kg/m^2 depending on the condition of the substrate; on a very rough base the consumption can be higher. On problematic substrates, e.g. with high roughness depths, we recommend laying a test area to determine the actual consumption.
- **Aggregate:** approx. 6 kg/m^2 depending on the aggregate used.

With these notes we wish to advise to the best of our knowledge on the basis of our tests and experience. Because of the many possible applications and the storage and application conditions of our products, which are beyond our control, we cannot however accept any warranty for the work result in individual cases. Carry out your own tests. Our technical advisory service is always available on the free phone number 0 800 / 800 850 800 or at Technik@gftk-info.de. Subject to change.

Please always refer to our detailed brochure “Application Technology Notes”. You can request it from your dealer or directly from us!

Aggregates

Product description:

High-quality coloured quartz sands with gradings of 0.7 – 1.2 mm and 1.0 – 1.8 mm, matched to the Colorout products. Polish-resistant hard aggregate with gradings of 1.0 – 2.0 mm and 1.0 – 3.0 mm for skid-resistant surfaces, matched to the Colorout products. Packaging: 25 kg bag (coloured quartz sands).

Quartz sands

Colours		Grading	Pack size (bag)	Art. no.
natural		0,6 – 1,2 mm	25 kg	750 401 725
		1,0 – 2,5 mm	25 kg	750 601 725
yellow		0,7 – 1,2 mm	25 kg	751 411 725
		1,0 – 1,8 mm	25 kg	751 611 725
green		0,7 – 1,2 mm	25 kg	751 461 725
		1,0 – 1,8 mm	25 kg	751 661 725
red		0,7 – 1,2 mm	25 kg	751 432 725
		1,0 – 1,8 mm	25 kg	751 632 725
blue		0,7 – 1,2 mm	25 kg	751 451 725
		1,0 – 1,8 mm	25 kg	751 651 725
light grey		0,7 – 1,2 mm	25 kg	751 474 725
		1,0 – 1,8 mm	25 kg	751 674 725
black		0,7 – 1,2 mm	25 kg	751 491 725
		1,0 – 1,8 mm	25 kg	751 691 725

Natural stone

Granite		fine	25 kg	750 135 725
		coarse	25 kg	750 136 725
Rosé granite		fine	25 kg	750 132 725
		coarse	25 kg	750 137 725
Sahara granite		fine	25 kg	750 134 725
		coarse	25 kg	750 138 735
Polar grey granite		fine	25 kg	750 139 725
		coarse	25 kg	750 140 725
Crystal anthracite		fine	25 kg	750 141 725
		coarse	25 kg	750 142 725

Aggregates

Ceracollux® ceramic-coloured calcined flint

Colours		Grading	Pack size (bag)
dark blue		0,5 – 1,0 mm	25 kg
		1,0 – 2,5 mm	25 kg
brown		0,5 – 1,0 mm	25 kg
		1,0 – 2,5 mm	25 kg

Further colours on request, prices on request directly from Luxol.



Ceracollux® Sales and advice

Luxol A/S, Tangrimme 19, Kløv Kær, DK-7700 Thisted,
Tel.: +45 9799 5166, Fax: +45 9799 5115

Luxol A/S, Claus Carstensen, Tel.:
+45 6593 8966, Fax: +45 6593 8566

www.luxol.dk, CVR & SE no. 2942 4373

Sample specification

Manufacturer:

Gesellschaft für technische
Kunststoffe mbH
Kottenforstweg 3
D-53359 Rheinbach-Flerzheim
Tel.: +49 (0) 22 25 / 91 57-0
mail@gftk-info.de
www.gftk-info.de

vdw 700 Surface Coating

Prepare the substrate. The substrate must be load-bearing, dry, free of dust and free of contamination. Produce clean edges with adhesive tape. Apply approx. 1 kg/m² of vdw 700 to the prepared substrate, spread it and roll it over. Then broadcast immediately with approx. 6 kg/m² of the corresponding aggregate or approx. 7 kg/m² of hard stone aggregate; the broadcast material is to be specified. The manufacturer's technical notes and application instructions must be observed.

Safety notes

Occupational safety:

- When using **vdw 700 Surface Coating** avoid skin contact; wear safety goggles and protective gloves.
- There should be sufficient ventilation when working in enclosed spaces.

Cleaning the tools:

- Clean the tools with cleaning agent (see accessories).

No direct legal liability can be derived either from the notes in this product information or from verbal advice, unless the content of the advice is expressly confirmed by us in writing. With the publication of this product information all previous versions become invalid.

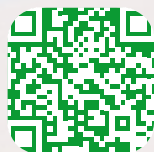


How to reach us:

Call us free of charge or write to us:

Contact: 08 00 / 800 850 800

We are glad to support you with your project!



Your contact

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