vdw 720 – Sealer

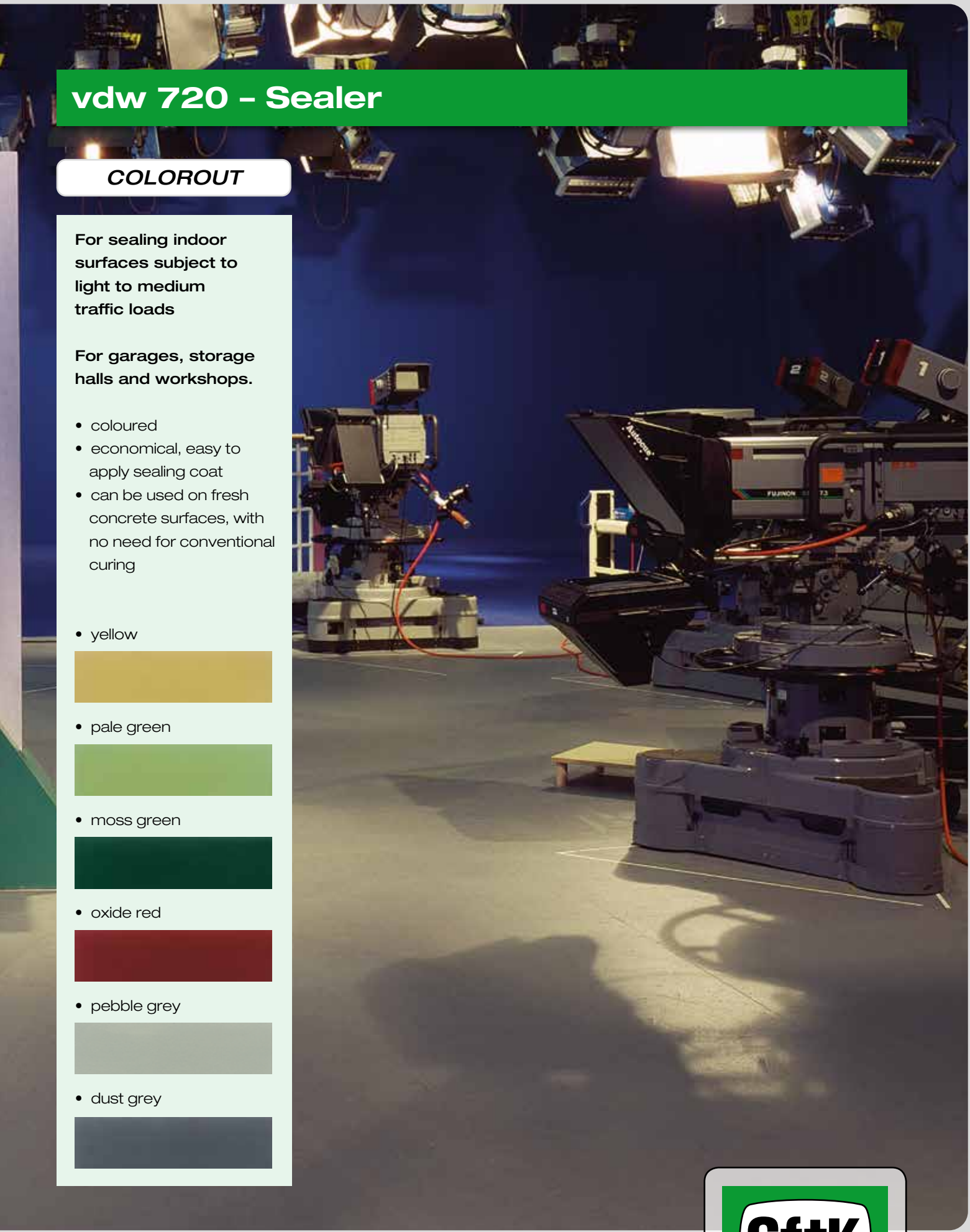
COLOROUT

For sealing indoor surfaces subject to light to medium traffic loads

For garages, storage halls and workshops.

- coloured
- economical, easy to apply sealing coat
- can be used on fresh concrete surfaces, with no need for conventional curing

- yellow
- pale green
- moss green
- oxide red
- pebble grey
- dust grey



GftK

Quality for Professionals

Application


Prepare the substrate


Mask off the area to be coated


Pour component B into component A and mix thoroughly


Apply the binder ...


... and spread with a roller


Apply the 2nd coat not before approx. 12 hours


follow the curing notes

Requirements:
Sufficient surface strength of the substrate, object temperature ≥ 10 °C.

Tools:
Drill and paddle mixer, paint roller.

Preparation:
Remove standing water, clean the substrate carefully, mask off the area to be sealed with adhesive tape.

Material preparation:
Mix the binder components with a slow-running stirrer, mixing time at least 3 minutes.

Application:
Apply the binder to the area to be sealed immediately, spread and work it in with a sheepskin roller; second coat after approx. 12 hours, depending on the temperature. Remove the tape immediately after each application.

Curing:
The following points refer to a temperature of 20 °C and 65 % relative humidity (high temperatures shorten, low temperatures lengthen the curing time). Trafficked areas produced with **vdw 720 Sealer** can be walked on after 12 hours at 20 °C. Full mechanical and chemical load-bearing capacity is reached after 7 days at 20 °C and 65 % relative humidity.

Application notes

Substrate

- The substrate must be clean and free of loose and friable constituents.
- Contamination such as oil, grease or old paint must be removed by suitable pre-treatment methods.

Special features

- **vdw 720 Sealer** is used for sealing both fresh and hydrated hydraulically bound substrates (magnesite and anhydrite floors). The product is also particularly suitable for sealing green concrete, i.e. damp substrates.
- Seals produced with **vdw 720 Sealer** are permeable to water vapour. They adhere well to hydraulically bound substrates. They are largely resistant to dilute alkalis and acids as well as to mineral oils and fuels.
- **vdw 720 Sealer** is to be used on floors exposed to light to medium loads, such as warehouses, workshops and the like. Thanks to its good water vapour permeability, the product can also be used to seal floors in ground-contact areas without a moisture barrier.

Substrate preparation

- A fresh hydraulic substrate normally requires no pre-treatment, since contamination can be ruled out. The fresh, hydraulically bound floor must be able to take foot traffic.
- A hydrated, hydraulically bound substrate must be clean. Contamination such as dust, rubber abrasion or oil must be removed by suitable cleaning methods such as vacuuming, sweeping or steam jetting.

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. Stirrers and mixing paddles can be found in our accessories range.
- After mixing, up to a maximum of 10 % water may be added if required to adjust the consistency of the material (with pigmented products).
- Do not work straight from the delivery container. After mixing, decant into a clean vessel and stir thoroughly once more.
- Apply and spread the mixed material onto the area to be sealed immediately.

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 720 Sealer** to the masked-off substrate and spread it evenly.
- Work over the spread binder with a sheepskin roller to achieve good wetting of the substrate and to ensure that the binder is distributed evenly over the base.
- A second sealing coat at an interval of approx. 12 hours (20 °C) is absolutely essential.
- **CAUTION:** the end of the pot life cannot be detected! The maximum permissible working time of approx. 60 minutes at 20 °C must be observed.

Consumption

- **vdw 720 Sealer**: approx. 0.5 kg/m² per coat – at least two coats are necessary.

Technical Data

Product description
Reaction-resin based, solvent-free sealer.

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

Material data

Viscosity:	3000 – 4000 mPas
Solids content:	42 %
Water vapour permeability:	30 g/m ² (250 µm)
Storage life:	6 months, stored dry and frost-free

Application data

Mixing ratio:	A : B = 100 : 20 (transparent: A : B = 100 : 40)
Pot life:	approx. 60 minutes at 20 °C
Ambient temperature:	≥ 10 °C
Substrate temperature:	≥ 10 °C

Ecology

Water hazard class:	Component A:	Class 1
	Component B:	Class 2
Disposal code:	Component A:	080410, 080499
	Component B:	080409, 080413, 080499

Packaging

Colours	Pack size (metal tins)	Art. no.	Colours	Pack size (metal tins)	Art. no.
transparent	5 kg	720 101 705	oxide red	5 kg	720 132 705
	10 kg	720 101 710		10 kg	720 132 710
sand yellow	5 kg	720 111 705	pebble grey	5 kg	720 173 705
	10 kg	720 111 710		10 kg	720 173 710
pale green	5 kg	720 163 705	dust grey	5 kg	700 175 705
	10 kg	720 163 710		10 kg	700 175 710
moss green	5 kg	720 166.705			
	10 kg	720 166.710			

Sample specification

Manufacturer:

Gesellschaft für
technische Kunststoffe mbH
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D-53359 Rheinbach-Flerzheim
Tel.: +49 (0) 22 25 / 91 57-0
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vdw 720 Sealer

Prepare the substrate. The substrate must be load-bearing, dry and free of dust and contamination. Form clean edge terminations with adhesive tape. Roll approx. 0.5 kg/m² of **vdw 720 Sealer** onto the prepared substrate in 2 coats 12 hours apart, using a sheepskin roller and working in cross directions. The manufacturer's technical notes and application instructions must be observed.

Safety notes

Health and safety:

- When using **vdw 720 Sealer** avoid contact with skin and wear safety goggles and protective gloves.
- Provide adequate ventilation when using in enclosed areas.

Cleaning of tools:

- Immediately after use with water; once partly cured, with cleaning agent (see accessories).

Ecology

Disposal:

- Unmixed material requires disposal as special waste.
- Mixed, cured material is inert and does not require special disposal.
- Containers emptied of residues can be disposed of free of charge through the Interseroh contract partners. Information from Interseroh, telephone 0 22 03 / 91 47-0.
- Please refer to the container labelling and the safety data sheets for product-specific information.

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 at Technik@gftk-info.de. Subject to change. Our general terms and conditions of sale and delivery apply.

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.

Rheinbach-Flerzheim, March 2022

vdw Mortar Systems

for concrete, natural stone, ceramic and clinker paving



How to reach us:

Write to us or give us a call:

contact@gftk-info.de

We are glad to support you with your project!

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