2K floor coating

Water-based, satin-gloss 2K epoxy coating

shade	Availability	
	Quantity per pallet	60
	Size / Quantity	**5 kg**
	Container type	Bucket W
	Container key	05
	Item No.	
pebble grey (approx. RAL 7032)	7759	■
basalt grey (approx. RAL 7012)	7760	■
silver-grey (approx. RAL 7001)	7761	■
stone grey (approx. RAL 7030)	7762	■
light grey (approx. RAL 7035)	7763	■

consumption

approx. 0.15-0.25 kg/m²

Application areas

- Storage rooms
- Basement & Hobby Rooms
- Garages
- workshops

Characteristics

- Water vapor permeable
- Water-dilutable
- Good adhesion and covering properties
- Good cleaning ability
- High abrasion resistance
- Resistant to fuel and engine oil
- Anti-slip setting through the addition of anti-slip additive
- Decorative surface design through the sprinkling of decorative flakes

Product specifications

Density (20 °C)	1.4 g/cm³
Gloss level	silky sheen

The values mentioned represent typical product characteristics and are not to be understood as binding product specifications.

Additional Information

- **Color chart**
- **Sustainability data sheet**

Possible system products

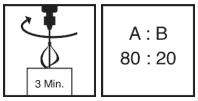
- **2K Epoxy Primer (7764) Anti-Slip**
- **Additive (7765) Decorative**
- **Flakes (7771)**

Work preparation

- **Subsurface requirements**

The system's 2K epoxy primer must be completely dry and have sufficient adhesion to the substrate. If in doubt, adhesion should be checked using a grid test. The waiting time between priming and applying the 2K floor coating is a minimum of 16 and a maximum of 48 hours. If these intervals are exceeded, the primer must be re-prepared by sanding it again using a disc sander equipped with, for example, 120-grit sanding mesh.

preparation



Combination containers

The two components (A and B) are supplied in compatible containers. Add component B to component A. Ensure the hardener container (component B) is completely emptied. Then, mix thoroughly with a suitable mixer and mixing paddle until no streaks are visible. A minimum mixing time of 2-3 minutes is required. Transfer the premixed material to an additional container (e.g., a clean paint bucket) and briefly mix again.

To achieve a slip-resistant finish in the sealing system, the anti-slip additive is added at a ratio of 2.5% and thoroughly mixed in. This corresponds to an addition of 125 g (half a container) to a 5 kg container of 2K floor coating or 2K epoxy primer.

Mixing ratio (A : B)	80 : 20 by weight

Immediately after preparation, pour the entire mixture onto the prepared surface and spread it using suitable means.

processing

Processing conditions

Material, ambient and substrate temperature: min. +8 °C to max. +30 °C.
Protect the applied material from moisture during the curing process, as otherwise surface defects and reduced adhesion may occur.
Sufficient air exchange must be ensured so that water can be released into the room air.

If necessary, divide the area into several smaller fields.

Processing time (+20 °C)

The processing time (pot life) after mixing depends on the material and substrate temperature:

At 10 °C = 60 minutes At
20 °C = 30 minutes At 30
°C = 15 minutes

Curing time (+20 °C)

Walkable after 1 day, mechanically loadable after 3 days, fully loadable after 7 days.

Higher temperatures generally shorten, while lower temperatures, especially in combination with high humidity, generally lengthen the specified times.

Application examples

sealing

The ready-to-use mixture is applied evenly, for example, using a Remmers epoxy roller (25 cm) and then rolled over in a crosswise pattern. For a uniform application, the use of a paint grid is recommended. Puddles must be avoided at all costs. Along protruding components, in hard-to-reach areas, and in corners, the material is applied with a suitable flat brush and a 10 cm epoxy roller.

consumption	Colored sealant: approx. 0.15-0.25 kg/m² 2K floor coating Anti-slip coating: approx. 0.15-0.25 kg/m² 2K floor coating plus 2.5% anti-slip additive Colored sealant with decorative surface design: approx. 0.15-0.25 kg/m² 2K floor coating.

Notes

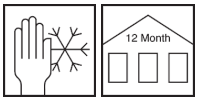
Only use material from the same batch number for adjacent surfaces, otherwise slight differences in color, gloss and structure may occur.
Repairs to the surface and reworking of existing surfaces result in a visible transition in appearance, structure and gloss level.
The sealant has a system-typical, slightly structured surface.
To achieve flat surfaces, appropriate roughness depth allowances must be taken into account.
Abrasive mechanical stresses lead to wear marks.
Suitable for vehicles with rubber tires. Not suitable for loads from vehicles with metal or polyamide tires, or for dynamic point loads.
Epoxy resins are generally not color-stable under UV and weathering influences.
Before use, read the processing instructions – recommended for professional users. Colored – especially black – rubber can leave permanent stains on floor coverings after prolonged contact (e.g., car tires or machine feet). To prevent these stains, use suitable polyurethane wheels or mats. Dyes, hair dyes, bleach, or disinfectants can also cause stains if not removed immediately.

Work equipment / Cleaning

Epoxy rollers (10 and 25 cm), brushes and suitable mixing equipment

Refer to the Remmers tool catalog for more detailed information. Clean tools and remove dirt with water while still fresh. Observe appropriate safety and disposal measures during cleaning.

Storage / Shelf life



Store in the unopened original container in a cool, dry place and protected from frost for at least 12 months.

Security / Regulations

Further information on safety during transport, storage and handling, as well as on disposal and ecology, can be found in the current safety data sheet and the brochure “Epoxy resins in the construction industry and the environment” (German Construction Chemicals Association, 3rd edition, as of 2022).

GISCODE

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Disposal instructions

Larger product remnants should be disposed of in the original packaging in accordance with applicable regulations. Completely empty packaging should be recycled. Do not dispose of with household waste. Do not allow to enter drains. Do not pour down sinks.

VOC according to the Decopaint Directive (2004/42/EC)

EU limit value for the product (Cat. A/j): max. 140 g/l (2010). This product contains < 140 g/l VOC.

Declaration of Conformity

CE UKCA

Remmers GmbH (CE)
Bernhard-Remmers-Str. 13, D – 49624 Löningen

Remmers (UK) Limited (UKCA)
1 & 2 Garden Suites, Coleshill Manor Campus, Birmingham B46 1DL (UK)

22 (CE); 22 (UKCA)
GBIII 167_2
EN 13813:2002
7760

Synthetic resin screed / synthetic resin coating for indoor use

Fire behavior:	E_{fl}
Release of corrosive substances: Wear resistance:	SR
	≤ AR 0.5
Tensile adhesion strength:	≥ B 1.5
Impact resistance:	≥ IR 4

Please note that the above data/information were determined in practice or in the laboratory as guide values and are therefore generally non-binding.

The information provided therefore only constitutes general guidance and describes our products, as well as their application and processing. It must be taken into account that...

Due to the diversity and variety of working conditions, materials used, and construction sites, it is naturally not possible to cover every single case. Therefore, in cases of doubt, we recommend either conducting tests or contacting us. This applies unless we have expressly specified particular suitability or properties of the products for a contractually defined purpose.

Unless otherwise agreed in writing, any application-related advice or information, even if provided to the best of our knowledge, is in any case non-binding. Our General Terms and Conditions of Sale and Delivery also apply.

With the publication of a new edition of this Technical Data Sheet, the new edition replaces the previous Technical Data Sheet.