



PUR Aqua Top ESD

Aqueous ESD sealant

Colour	Availability
	Quantity per pallet
	Size / Quantity 16,5 kg
	Type of container Tin bucket
	Container code 17
	Art. no.
special colour PG I	6696 ■
special colour PG II	6697 ■
special colour PG III	6698 ■
Please note Only the following RAL colours are available in the respective price groups (PG):	
Price group I: 1001, 1002, 1011, 1014, 1019, 3009, 7000, 7001, 7004, 7005, 7008, 7011, 7012, 7015, 7016, 7021, 7022, 7023, 7024, 7030, 7031, 7032, 7033, 7035, 7037, 7038, 7039, 7040, 7042, 7043, 7044, 7045, 7046, 7047, 9011, 9017	
Price group II: 1003, 1004, 1005, 1012, 1021, 1023, 1032, 1034, 2000, 3005, 3007, 3011, 3013, 3014, 4009, 5005, 5008, 5012, 5014, 5015, 5017, 5019, 5023, 5024, 6010, 6011, 6019, 6021, 6027, 6034, 8004, 8019, 8023	
Price group III: (more RAL colours available upon request) 1006, 1018, 1028, 2001, 2010, 3000, 3002, 3003, 3016, 3020, 5002, 5007, 5009, 5010, 5018, 5021, 6001, 6002, 6016, 6017, 6024	

Application rate	Dependent on application (see application examples)
Range of use	■ Sealant for moderate loads in conductive or ESD-compliant systems
Property profile	<ul style="list-style-type: none"> ■ Pigmented ■ Dissipative / ESD-compliant ■ Volume conductive when used in a system ■ Free from solid salts and aqueous salt solutions ■ UV stable ■ Matt

Characteristic data of the product	■ On delivery			
		Component A	Component B	Mixture
	Density (20 °C)	1.2 g/cm ³	1.15 g/cm ³	1.2 g/m ²
	Viscosity (20 °C)	350 mPa s	1500 mPa s	250 mPa s

■ Once fully cured



Reaction to fire (DIN EN 13501-1)	B _{fl} -s1* (Low Flammability)
Slip resistance class (DIN EN 51130:2014)	R9 (without additive) R10 (with Add 150) R11 (with Add 250)
Earth resistance to ground acc. to EN 61340-4-1 (2.5 kg electrode)	< 1 GΩ (23 °C / 50% rel. humidity)
Overall system resistance acc. to EN 61340-4-5 (person/shoe/floor)	≤ 35 MΩ (23 °C / 50% rel. humidity)
Maximum body charge acc. to EN 61340-4-5 (walking test)	< 50 - 100 V (23 °C / 50% rel. humidity)

* Fire test class in defined systems (see test report on fire classification: Remmers conductive systems).

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

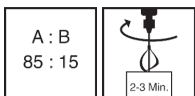
Certificates

➤ [Prüfbericht Brandklassifizierung - Remmers ableitfähige Systeme](#)

Preparation

- **Substrate requirements**
The substrate must be firm, dimensionally stable, capable of bearing loads and free of loose constituents, dust, oil, grease, rubber marks and other substances that could interfere with adhesion.
The substrate must be dry.
The substrate must be coated with conductive or ESD-compliant Remmers systems.
If longer waiting times are necessary on the construction site (> 24 hours), the entire surface must be sanded before the next work step.

Production of the mixture



- **Combi-container**
Stir component A until homogeneous immediately before use.
With the stirrer running, add all of component B to component A, then mix both components with a suitable electric stirrer for at least 2-3 minutes until homogeneous.
Pour the mixture into a different container and mix again thoroughly.
If the compound is not mixed properly, specks may form.
With the addition of Add-products, the following also applies to the preparation:
Add the granules to the mixed sealant.
Mix thoroughly with a slow-speed electric mixer (approx. 300 - 400 rpm).
Insufficient mixing is indicated by streaks forming.

Mixing ratio	85 : 15 parts by weight
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Directions



For professional users only!

- **Conditions for use**
Temperature of the material, air and substrate: from min. +10 °C to max. +25 °C.
During the curing process, the applied material should be protected from moisture which could impair the surface and impair the adhesion.
The relative humidity must be in the region of 40 - 75%
The temperature of the substrate must be at least 3 °C above the dew point temperature during application and curing.
Good ventilation must be ensured so that water can be released into the air.
- **Working time (+20 °C)**
Approx. 45 min.
- **Drying time (+20 °C)**
Foot traffic after 18 hours, mechanical loads after 4 days, chemical loads after 7 days.

The times given are reduced at higher temperatures and increased at lower temperatures, in particular in combination with high humidity.

Application examples



■ Sealant

Pour the material onto the prepared surface and spread evenly with an epoxy roller, then re-roll with a 50 cm microfibre roller. Replace the rollers every 30 minutes. Always work wet-on-wet.

When using Add-products in the sealer, it must **only** be applied by Epoxy roller and then re-rolled with a 50 cm microfibre roller.

Make sure that no pools form.

Do not use in direct sunlight.

Application rate	min. 0.14 kg/m ²
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Notes

Unless otherwise specified, all of the values and application rates given above have been determined under laboratory conditions (20 °C) using standard colours. Slight deviations from these values may arise if the product is worked with on site.

When coating continuous surfaces, only use materials with the same batch number as slight differences in colour, gloss and texture may occur.

Further notes on working, system construction and maintenance of the listed products can be found in the latest Technical Data Sheets and the Remmers system recommendations.

From experience, slightly opaque colours (e.g. yellow, red or orange, etc.) have a varnishing effect. Please consider this when choosing and assembling systems.

Before checking the ESD values, we recommend cleaning the ESD shoes, the electrodes and the floor coating with isopropyl alcohol or ethanol (95%) and waiting until it has evaporated.

Uneven application, strong draughts and large temperature differences on the surface can result in a non-uniform surface appearance due to differences in the degree of gloss.

Suitable for vehicle traffic with rubber tyres; not suitable for vehicle loads with metal or polyamide tyres nor for dynamic point loads.

Upon prolonged contact with a floor covering, coloured – and especially black – rubber can cause discolouration that cannot be removed (e.g. car tyres or machine bases). Suitable polyurethane wheels or underlay mats should be used in order to avoid such discolouration. Colourants, hair dyes, bleach and disinfectants can also cause discolouration if not removed immediately.

Further notes on working, system construction and maintenance of the listed products can be found in the latest Technical Data Sheets and the Remmers system recommendations.

To reduce the susceptibility to dirt and to increase the lifespan, we generally recommend carrying out initial conductive treatment twice. This significantly improves the cleanability.

Tools / Cleaning

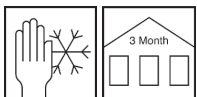
Epoxy roller, patent disperser, paint strainer



Wash tools and any splashed material with water immediately and while wet.

Storage / Shelf life

If stored in the unopened original container and kept cool, dry and protected from frost, the product will keep for at least 3 months.



Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

VOC content as per 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.

VOC	
Kat.	A/j
2010:	140g/l
max.:	140g/l

Declaration of performance

➤ [Declaration of performance](#)



Declaration of conformity



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

Remmers (UK) Limited (UKCA)
Unit 4, Lloyds Court, Manor Royal Crawley, RH10 9QU

19 (CE); 21 (UKCA)
GBIII 148
EN 13813:2002
6696

Synthetic resin screed for use internally in buildings

Reaction to fire:	E _n
Release of corrosive substances:	SR
Wear resistance:	≤ AR 1
Bond strength:	≥ B 1.5
Impact resistance:	≥ IR 4

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.