

„Navigator“ – basic flooring systems

Andreas Nosseler
RTS flooring

Next



System navigator – floor protection

For internal use only!



Simply click on the relevant answers for further advice

What substrate is being used?

Concrete

Cement screed

Calcium sulphate screed

Poured asphalt

Old coating

Old tiles

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Simply click on the relevant answers for further advice

What substrate is being used?

Concrete

What mechanical stresses are expected?

Low mechanical stresses, e.g. just foot traffic

Moderate mechanical stresses, e.g. manual pallet trucks

Elevated mechanical stresses, e.g. frequent forklift traffic

High mechanical stresses, e.g. high point loads



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What substrate is being used?

Poured asphalt

As a substrate, poured asphalt has very particular properties. For this reason, a personal consultation with the Remmers Technical Service is required.

Please contact the RTS floor protection department

☎ 05432 83585

✉ rts-bodenschutz@remmers.de



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Old coating

As a substrate, old coating has very particular properties. For this reason, a personal consultation with the Remmers Technical Service is required.

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What finish is required?

Plain colour

Contrast blinding

Multi-coloured



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Risk of rising damp

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TC Floor 2060 Coloured seal coat, silk gloss

Pos.	Process	Application rate	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy BS 2000	ca. 0,20 kg/m ²
	Optional levelling layer Surface roughness < 0,5 mm	Please click here if required	
3	Coloured seal coat	Epoxy BS 3000 SG	ca. 0,20 kg/m ²



For a matt variant of the system, please click here



Observe the information in the relevant Technical Data Sheet

TC Floor 2070

Coloured seal coat with contrast flakes

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy BS 2000	ca. 0,20 kg/m ²
	Optional levelling layer Surface roughness < 0,5 mm	Please click here if required 	
3	Coloured seal coat	Epoxy BS 3000 SG	ca. 0,20 kg/m ²
4	Contrast blinding	Colorflakes	ca. 0,02 kg/m ²
5	Transparent seal coat	PUR Aqua Top 500 2K M	ca. 0,15 kg/m ²

Application tips



Calculation



Back

Observe the information in the relevant Technical Data Sheet

TC Floor 2080 Anti-slip coloured seal coat R10

Pos.	Process	Application rate	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy BS 2000 + 2,5 % ADD 250	ca. 0,20 kg/m ² ca. 0,005 kg/m ²
3	Coloured seal coat	Epoxy BS 3000 SG + 2,5% ADD 250	ca. 0,25 kg/m ² ca. 0,005 kg/m ²

Application tips




Calculation



Observe the information in the relevant Technical Data Sheet

TC Floor 2090 Matt coloured seal coat

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy BS 2000	ca. 0,20 kg/m ²
	Optional levelling layer Surface roughness < 0,5 mm	Please click here if required 	
3	Coloured seal coat	Epoxy BS 3000 M	ca. 0,20 kg/m ²

Application tips



Calculation



Observe the information in the relevant Technical Data Sheet

TC Floor 2100 Roll-on coating

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy ST 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Roll-on coating	Epoxy Color Top	ca. 0,35 kg/m ²

Application tips



Calculation



Observe the information in the relevant Technical Data Sheet

TC Floor 2100

Roll-on coating, **residual moisture <6%**

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy MT 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Roll-on coating	Epoxy Color Top	ca. 0,35 kg/m ²

Application tips



Calculation



Observe the information in the relevant Technical Data Sheet

TC Floor 2110 Roll-on coating with contrast flakes

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy ST 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required	
3	Roll-on coating	Epoxy Color Top	ca. 0,35 kg/m ²
4	Contrast blinding	Colorflakes	ca. 0,02 kg/m ²

Application tips



Calculation



Observe the information in the relevant Technical Data Sheet

TC Floor 2110

Roll-on coating with contrast flakes, **residual moisture <6%**

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy MT 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Roll-on coating	Epoxy Color Top	ca. 0,35 kg/m ²
4	Contrast blinding	Colorflakes	ca. 0,02 kg/m ²

Application tips



Calculation



Observe the information in the relevant Technical Data Sheet

TC Floor 2120 Anti-slip roll-on coating

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy ST 100 + 2,5 % ADD 250	ca. 0,30 kg/m ² ca. 0,008 kg/m ²
3	Coloured seal coat	Epoxy Color Top + 2,5% ADD 250	ca. 0,25 kg/m ² ca. 0,006 kg/m ²

Application tips



Calculation



Observe the information in the relevant Technical Data Sheet

TC Floor 2120

Anti-slip roll-on coating, **residual moisture <6%**

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy MT 100 + 2,5 % ADD 250	ca. 0,30 kg/m ² ca. 0,008 kg/m ²
3	Coloured seal coat	Epoxy Color Top + 2,5% ADD 250	ca. 0,25 kg/m ² ca. 0,006 kg/m ²

Application tips



Calculation



Observe the information in the relevant Technical Data Sheet

TC Floor 2130 Anti-slip roll-on coating with contrast flakes

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy ST 100 + 2,5% ADD 250	ca. 0,30 kg/m ² ca. 0,008 kg/m ²
3	Roll-on coating	Epoxy Color Top + 2,5% ADD 250	ca. 0,25 kg/m ² ca. 0,006 kg/m ²
4	Contrast blinding	Colorflakes	ca. 0,02 kg/m ²

Application tips



Calculation



Observe the information in the relevant Technical Data Sheet

TC Floor 2130

Anti-slip roll-on coating with contrast flakes,
residual moisture <6%

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy MT 100 + 2,5% ADD 250	ca. 0,30 kg/m ² ca. 0,008 kg/m ²
3	Roll-on coating	Epoxy Color Top + 2,5% ADD 250	ca. 0,25 kg/m ² ca. 0,006 kg/m ²
4	Contrast blinding	Colorflakes	ca. 0,02 kg/m ²

Application tips




Calculation



Observe the information in the relevant Technical Data Sheet

SL Floor 2010 Flow coating

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy ST 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Flow coating	Epoxy OS Color	ca. 1,50 kg/m ²

Application tips




Calculation



Observe the information in the relevant Technical Data Sheet

SL Floor 2010

Flow coating, **residual moisture <6%**

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy MT 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Flow coating	Epoxy OS Color	ca. 1,50 kg/m ²

Application tips




Calculation



Observe the information in the relevant Technical Data Sheet

SL Floor 2020 Flow coating with contrast flakes

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy ST 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Flow coating	Epoxy OS Color	ca. 1,50 kg/m ²
4	Contrast blinding	Colorflakes	ca. 0,02 Kg/m ²

Application tips




Calculation



Observe the information in the relevant Technical Data Sheet

SL Floor 2020

Flow coating with contrast flakes, **residual moisture <6%**

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy MT 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Flow coating	Epoxy OS Color	ca. 1,50 kg/m ²
4	Contrast blinding	Colorflakes	ca. 0,02 kg/m ²

Application tips



Calculation



 **Back**

Observe the information in the relevant Technical Data Sheet

SR Floor 2140

R12/V4 broadcast finish, **residual moisture <6%**

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy MT 100	ca. 0,40 kg/m ²
3	Base layer	Epoxy Primer PF + Selectmix 01/03	ca. 1,20 kg/m ² ca. 0,40 kg/m ²
4	Fully broadcast blinding	Quarz 03/08 DF	ca. 6,00 kg/m ²
5	Topcoat	Epoxy Color Top	ca. 0,80 kg/m ²

Application tips



Calculation



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Observe the information in the relevant Technical Data Sheet

SR Floor 2150

R12/V8 broadcast finish, **residual moisture <6%**

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy MT 100	ca. 0,40 kg/m ²
3	Base layer	Epoxy Primer PF + Selectmix 01/03	ca. 1,20 kg/m ² ca. 0,40 kg/m ²
4	Fully broadcast blinding	Quarz 07/12 DF	ca. 6,00 kg/m ²
5	Topcoat	Epoxy Color Top	ca. 1,10 kg/m ²

Application tips



Calculation




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Observe the information in the relevant Technical Data Sheet

SL Floor 2160

Multi-coloured finish, water vapour diffusion open

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc	
2	Primer	Epoxy BS 2000	ca. 0,20 kg/m ²
	Optional levelling layer Surface roughness < 0,5 mm	Please click here if required 	
3	Base layer	Epoxy BS 4000	ca. 0,40 kg/m ²
4	Fully broadcast blinding	Colorid	ca. 0,60 kg/m ²
5	Transparent fixing layer	PUR Aqua Top 1K	ca. 0,20 Kg/m ²
6	Transparent seal coat	PUR Aqua Top 500 2K M	ca. 0,15 kg/m ²

Application tips



Calculation



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Observe the information in the relevant Technical Data Sheet

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Special characteristics

System with approval according to the German Federal Water Act (WHG) required

Areas for which coating systems with a Water Resources Act approval (WHG) are required require personal advice from Remmers Technik Service!

Please contact the RTS floor protection department

☎ 05432 83585

✉ rts-bodenschutz@remmers.de



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System suggestion for determining requirements

Special characteristics

Rough or uneven substrate

Surface roughness > 1.0 mm, mineral-based levelling

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Primer Hydro LC	ca. 0,10 l/m ²
3	Levelling layer ca. 4 mm layer thickness	Baseplan	ca. 6,00 kg/m ²
4	Primer for subsequent coating	Epoxy BS 2000	ca. 0,20 kg/m ²

Calculation



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System suggestion for determining requirements

Special characteristics

Rough or uneven substrate

Surface roughness < 0.5 - < 2.0 mm Epoxy scratch coat/ levelling layer

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy ST 100 oder MT 100	ca. 0,40 kg/m ²
3a	< 0,5 mm scratch coat	Epoxy Primer PF	ca. 0,80 kg/m ²
3b	< 1,0 mm levelling layer	Epoxy Primer PF + Selectmix SBL DF	ca. 1,2 kg/m ² ca. 0,4 kg/m ²
3c	< 2,0 mm levelling layer	Epoxy Primer PF + Selectmix SBL DF	ca. 2,0 kg/m ² ca. 1,4 kg/m ²

Calculation



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Special characteristics

Anti-slip properties
required

There is a large number of test certificates for the various R and V classes (slip resistance) for Remmers floor coating systems. The Remmers Technical Service would be happy to help you find the right system to meet your individual needs. Please contact the RTS floor protection department
☎ 05432 83585
✉ rts-bodenschutz@remmers.de

SR Floor 2140 R12/V4 broadcast finish, residual moisture <6%

SR Floor 2150 R12/V8 broadcast finish, residual moisture <6%



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Special characteristics

Risk of rising damp

If there is a risk of rising damp in the substrate, Remmers offers special floor coating systems that are permeable to water vapour. The Remmers Technical Service would be happy to help you find the right system to meet your individual needs. Please contact the RTS floor protection department
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What mechanical stresses are expected?

Elevated mechanical stresses, e.g. frequent forklift traffic

What finish is required?

Multi-coloured

If you desire a multi-coloured finish and your intended surface will be subjected to elevated mechanical stresses, further information about the requirements will be needed. The Remmers Technical Service would be happy to help you find the right system to meet your individual needs.

Please contact the RTS floor protection department

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Simply click on the relevant answers for further advice

What mechanical stresses are expected?

High mechanical stresses, e.g. high point loads

What finish is required?

Multi-coloured

If you desire a multi-coloured finish and your intended surface will be subjected to high mechanical stresses, further information about the requirements will be needed.

The Remmers Technical Service would be happy to help you find the right system to meet your individual needs.


Please contact the RTS floor protection department

☎ 05432 83585

✉ rts-bodenschutz@remmers.de



SL Floor 2030 Flow coating >1.5 mm

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy ST 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Flow coating	Epoxy OS Color + Selectmix 01/03	ca. 2,00 kg/m ² ca. 0,60 kg/m ²

Application tips




Calculation



Observe the information in the relevant Technical Data Sheet

SL Floor 2030

Flow coating >1.5 mm, **residual moisture <6%**

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy MT 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Flow coating	Epoxy OS Color + Selectmix 01/03	ca. 2,00 kg/m ² ca. 0,60 kg/m ²

Application tips



Calculation



Observe the information in the relevant Technical Data Sheet

SL Floor 2040

Flow coating >1.5 mm with contrast flakes

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy ST 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Flow coating	Epoxy OS Color + Selectmix 01/03	ca. 2,00 kg/m ² ca. 0,60 kg/m ²
4	Contrast blinding	Colorflakes	ca. 0,02 Kg/m ²

Application tips



Calculation



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Observe the information in the relevant Technical Data Sheet

SL Floor 2040

Flow coating >1.5 mm with contrast flakes,
residual moisture <6%

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy MT 100	ca. 0,40 kg/m ²
	Optional scratch coat	Please click here if required 	
3	Flow coating	Epoxy OS Color + Selectmix 01/03	ca. 2,00 kg/m ² ca. 0,60 kg/m ²
4	Contrast blinding	Colorflakes	ca. 0,02 Kg/m ²

Application tips



Calculation



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Observe the information in the relevant Technical Data Sheet

Simply click on the relevant answers for further advice

What substrate is being used?

Calcium sulphate screed

What mechanical stresses are expected?

Elevated mechanical stresses, e.g. frequent forklift traffic

Calcium sulphate screed is susceptible to moisture and should only be coated with water vapour diffusible systems. Remmers has developed special systems for such applications and would be happy to explain them to you.

The Remmers Technical Service would be happy to help you find the right system to meet your individual needs.

Please contact the RTS floor protection department

☎ 05432 83585

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What substrate is being used?

Calcium sulphate screed

What mechanical stresses are expected?

High mechanical stresses, e.g. high point loads

Calcium sulphate screed is susceptible to moisture and should only be coated with water vapour diffusible systems. Remmers has developed special systems for such applications and would be happy to explain them to you.

The Remmers Technical Service would be happy to help you find the right system to meet your individual needs.

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System suggestion for determining requirements

Special characteristics

Rough or uneven substrate

Surface roughness < 0,5 WDD Epoxy levelling

Pos.	Process	Product name	Application rate
1	Substrate pre-treatment	Grinding with a diamond disc or steel shot blasting	
2	Primer	Epoxy BS 2000	ca. 0,20 kg/m ²
3	Scratch coat layer thickness ca. 0,5 mm	Epoxy BS 4000 + Selectmix SBL DF	ca. 0,70 kg/m ² ca. 0,70 kg/m ²

Calculation



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