

TECHNICAL DATA

Test method	Requirements	Average test results from running running/production
CE conformity	EN 14041	Manufacturer: nora systems GmbH, D-69469 Weinheim
DoP-N O.	EN 14041	0021
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W/(mK)}$
Dynamic coefficient of friction	EN 13893	DS
Reaction to fire	EN 13501-1	Not bonded
Reaction to fire	EN 13501-1	Bonded on mineral subfloor

Properties acc. to EN 1817

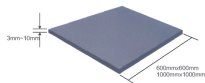
Test method	Requirements	Average test results from running running/production
Thickness	EN ISO 24346	Mean value $\pm 0.15 \text{ mm acc. to EN 1817}$
Dimensional stability	EN ISO 23999	$\pm 0.4 \%$
Cigarette-burn resistance	EN 1399	Procedure A (stuffed out) \geq level 4 Procedure B (burning) \geq level 3
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no flexuring
Hardness	ISO 48-4	$\geq 75 \text{ Shore A acc. to EN 1817}$
Residual indentation	EN ISO 24 343	Mean value $\leq 0.25 \text{ mm at thickness} \geq 3.0 \text{ mm}$
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250 \text{ mm}^3$
Colour fastness to artificial light	ISO 105-B02, procedure 3, test conditions 6.1 a)	At least level 6 on the blue scale; \geq level 3 on the grey scale
Classification	EN ISO 10874	Commercial / Industrial

Additional technical properties

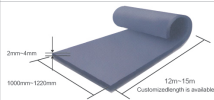
Toxicity of fire gases	DIN 53436	Carbonisation gases are non-toxic
Anti-slip properties	DIN EN 16165	R 9
Improvement in footfall sound absorption	ISO 10140-3	10 dB
Effect of chemicals	EN ISO 26987	Resistant depending on concentration and time of exposure*
Electrical insulation properties	EN 1081 R1	$> 10^9 \text{ Ohm}$
Electrical propensity when walked upon	EN 1815	Antistatic, charging in case of rubber soles $\leq 2 \text{ kV}$
Effect of a castor chair	EN ISO 4918	Suitable if castor wheels, type W, acc. to EN 12529, are used
Underfloor heating	EN 1264-2	Suitable, max. 35 C°

AVAILABLE WITH TILE AND ROLL

SIZE FOR TILE



SIZE FOR ROLL



CHARACTERS

- Excellent wear resistance: Ultra long life. Good for heavy usage.
- Green and healthy: Low VOC emission. Free of PVC, phthalate plasticizers and halogens
- Fire behavior: Conform to EN 13501 and HG/T 3747.1 standard, with fire behavior class B1.
- Good anti-slipping performance.
- Good elasticity: Comfortable footfall feeling.
- Resistant to high static load, less residual indentation compared to other kind of resilient floor
- Shock absorption and less noise: Reduce the step noise and impact sound.
- Wheelchair and forklift truck suitable.
- Jointless installation
- Anti-bacterial
- Resistance to cigarette burn.



Footfall sound insulation



Slip resistance



Fire retardance

* The sample is only for color selection purposes. Please refer to the actual sample for sealing!

HAMMERBLOW

RUBBER FLOOR

Hammerblow



100%


Relle®

HAMMERBLOW



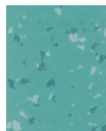
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RL-217



RL-225



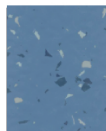
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RL-230



RL-218



RL-226



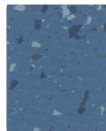
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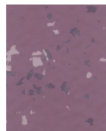
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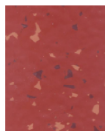
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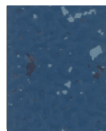
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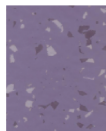
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RL-228



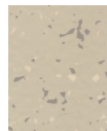
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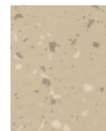
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RL-208



RL-212



RL-216



RL-203



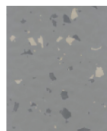
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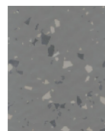
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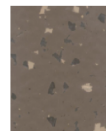
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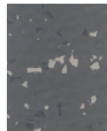
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RL-210



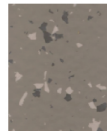
RL-214



RL-201



RL-205



RL-209



RL-213

TECHNICAL DATA

	Test method	Requirements	Average test results from running production
CE conformity	EN 14041		Manufacturer: nora systems GmbH, D-69469 Weirheim
DoP-N O	EN 14041		0021
Thermal conductivity	EN 10456	$\lambda \approx 0.17$ W(mK)	Fulfilled
Dynamic coefficient of friction	EN 13893	DS	Fulfilled
Reaction to fire	EN 13501-1	Not bonded	CE-s1
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	BF-s1

Properties acc. to EN 1817

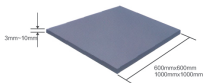
	EN ISO 24346	EN ISO 23999	Mean value ± 0.15 mm acc. to EN 1817	2.0 mm
Thickness	EN ISO 24346	EN ISO 23999	± 0.4 %	± 0.2 %
Dimensional stability	EN 1399		Procedure A (stubbod out) \geq level 4 Procedure B (burning) \geq level 3	Fulfilled
Cigarette-burn resistance	EN ISO 24344, procedure A		Mandrel diameter 20 mm, no fissuring	Fulfilled
Flexibility	ISO 48-4		≥ 75 Shore A acc. to EN 1817	82 Shore A
Hardness	EN ISO 24 343		Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm	0.12 mm
Residual indentation	ISO 4649, procedure A		≤ 250 mm ²	115 mm ²
Abrasion resistance at 5 N load	ISO 105-B02, procedure 3, test conditions 6.1 a)		At least level 6 on the blue scale; \geq level 3 on the grey scale	Grey scale \geq level 3 acc. to ISO 105-A02
Colour fastness to artificial light	EN ISO 10874		Commercial / Industrial	34 / 43
Classification				

Additional technical properties

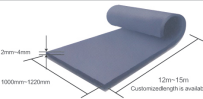
Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic
Anti-slip properties	DIN EN 16165	Acc. to DGUV 105-003	R 9
Improvement in total sound absorption	ISO 10140-3		6 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure*
Electrical insulation properties	EN 1081 R1		$> 10^9$ Ohm
Electrical property when walked upon	EN 1815		Antistatic, charging in case of rubber soles ≈ 2 kV
Effect of a castor chair	EN ISO 4918		SSuitable if castor wheels, type W, acc. to EN 12529, are used
Underfloor heating	EN 1264-2		Suitable, max. 35 °C

AVAILABLE WITH TILE AND ROLL

SIZE FOR TILE



SIZE FOR ROLL



CHARACTERS

- Excellent wear resistance: Ultra long life. Good for heavy usage.
- Green and healthy: Low VOC emission. Free of PVC, phthalate plasticizers and halogens
- Fire behavior: Conform to EN 13501 and HG/T 3747.1 standard, with fire behavior class B1.
- Good anti-slipping performance.
- Good elasticity: Comfortable footfall feeling.
- Resistant to high static load, less residual indentation compared to other kind of resilient floor
- Shock absorption and less noise: Reduce the step noise and impact sound.
- Wheelchair and forklift truck suitable.
- Jointless installation
- Anti-bacterial
- Resistance to cigarette burn.



Footfall sound insulation



Slip resistance



Fire retardance

RUBBER FLOOR

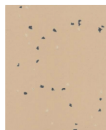
convia

CONVIA



* The sample is only for color selection purposes. Please refer to the actual sample for sealing!

CONVIA



RL-401



RL-412



RL-408



RL-434



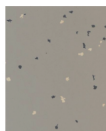
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RL-410



RL-407



RL-416



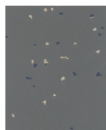
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RL-406



RL-414



RL-403



RL-433



RL-405



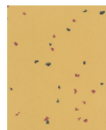
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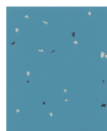
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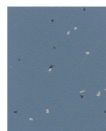
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RL-421



RL-426



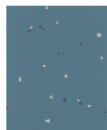
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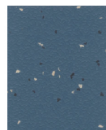
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RL-422



RL-427



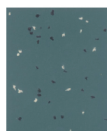
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RL-419



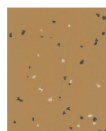
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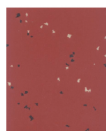
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RL-432



RL-420



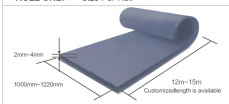
RL-424

TECHNICAL DATA

	Test method	Requirements	Average test results from running production (Composite floor)	Gemittelte Prüfwerte der laufenden Produktion (Circular floating point)
CE conformity	EN 14041		Manufacturer: nora systems GmbH, D-89469 Weinhelm	Hersteller: nora systems GmbH, D-89469 Weinhelm
DoP-AN O	EN 14041		0016	0021
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W(mK)}$	Fulfilled	Fulfilled
Dynamic coefficient of friction	EN 13893	DS	Fulfilled	Fulfilled
Reaction to fire	EN 13501-1	Not bonded	Bfl-s1, bonded	Cfl-s1
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	Bfl-s1	Bfl-s1
Properties acc. to EN 1817				
Thickness	EN ISO 24346	Mean value $\pm 0.15 \text{ mm}$ acc. to EN 1817	2.0mm	3.0mm
Dimensional stability	EN ISO 23999	$\pm 0.4 \%$	$\pm 0.2 \%$	$\pm 0.2 \%$
Cigarette-burn resistance	EN 1399	Procedure A (stuffed out) \geq level 4 Procedure B (burning) \geq level 3	Fulfilled	Fulfilled
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled	Fulfilled
Hardness	ISO 48-4	≥ 75 Shore A acc. to EN 1817	92 Shore A	82 Shore A
Residual indentation	EN ISO 24 343	Mean value $\leq 0.25 \text{ mm}$ at thickness $\geq 3.0 \text{ mm}$	0.03 mm	0.12 mm
Abrasion resistance at 5 N load	ISO 4640, procedure A	$\leq 250 \text{ mm}^3$	150 mm ³	115 mm ³
Colour fastness to artificial light	ISO 105-B02, procedure 3, test conditions 6.1 a)	At least level 6 on the blue scale; \geq level 3 on the grey scale	Grey scale \geq level 3 acc. to ISO 105-A02	Graufestab \geq Stufe 3 nach ISO 105-A02
Classification	EN ISO 10874	Commercial / Industrial	34 / 42	34 / 43
Additional technical properties				
Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic	Freiwerdende Schmelzgasen toxisch/unbedenklich
Anti-slip properties	DIN EN 16165	Acc. to DGUV 108-003	R 9	R 9
Improvement in footfall sound absorption	ISO 10140-3		6 dB	12 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure*	Beständig in Abhängigkeit von Konzentration und Einwirkzeit*
Electrical insulation properties	EN 1081 R1		$> 10^9 \text{ Ohm}$	$> 10^9 \text{ Ohm}$
Electrical propensity when walked upon	EN 1815		Antistatic, charging in case of rubber soles $< 2 \text{ kV}$	Antistatic, charging in case of rubber soles $< 2 \text{ kV}$
Effect of a castor chair	EN ISO 4918		Suitable if castor wheels, type W, acc. to EN 12529, are used	Geeignet bei Verwendung von Stuhlrollen Typ W, nach EN 12529
Underfloor heating	EN 1264-2		Suitable, max. 35 C*	Geeignet, max. 35 C*



ROLL ONLY Size For Roll



CHARACTERS

- Excellent wear resistance; Ultra long life. Good for heavy usage.
- Green and healthy; Low VOC emission. Free of PVC, phthalate plasticizers and halogens
- Fire behavior: Conform to EN 13501 and HG/T 3747.1 standard, with fire behavior class B1.
- Good anti-slipping performance.
- Good elasticity; Comfortable footfall feeling.
- Resistant to high static load, less residual indentation compared to other kind of resilient floor
- Shock absorption and less noise: Reduce the step noise and impact sound.
- Wheelchair and forklift truck suitable.
- Jointless installation
- Anti-bacterial
- Resistance to cigarette burn.



Footfall sound insulation

Slip resistance

Fire retardance

* The sample is only for color selection purposes. Please refer to the actual sample for sealing!

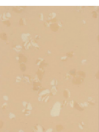
RUBBER FLOOR

Sentica
Rundnoppo

SENTICA RUNDNOPPE



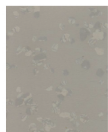
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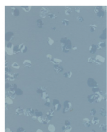
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RL-313



RL-305



RL-309



RL-302



RL-314



RL-306



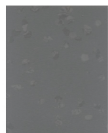
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RL-303



RL-315



RL-307



RL-311



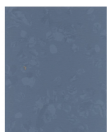
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RL-316



RL-308



RL-312

RUNDNOPPE



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RL-105



RL-116



RL-113



RL-104



RL-109



RL-106



RL-120ST



RL-102



RL-110

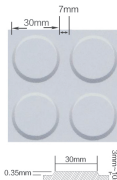


RL-107



RL-115

Size: 600mmX600mm



Size: 1000mmX1000mm

