

| | Test method | Requirements | Average test results from running production | | | | |
|---------------------------------|-----------------|----------------------------------|-------------------------------------------------------|------------------------------------------------------------------|---------------------|---------------------|---------------------|
| | | | 926 | 926 arago 926 castello 926 grano 926 pado 926 satura | 825 | 992 992 grano | 975 LL |
| CE conformity | EN 14041 | | ← Manufacturer: nora systems GmbH, D-69469 Weinheim → | | | | |
| DoP-No. | EN 14041 | | 0021 | | 0004 | 0023 | 0024 |
| Thermal conductivity | EN 10456 | $\lambda = 0.17 \text{ W/(m·K)}$ | ← Fulfilled → | | | | |
| Dynamic coefficient of friction | EN 13893 | DS | ← Fulfilled → | | | | |
| Reaction to fire | EN 13501-1 | Not bonded | C _{ir} -s1 | | C _{ir} -s1 | C _{ir} -s2 | B _{ir} -s1 |
| Reaction to fire | EN 13501-1 | Bonded on mineral subfloor | B _{ir} -s1 | | B _{ir} -s1 | C _{ir} -s1 | - |

Properties acc. to EN 1817/EN 12199

| | | | | | | | |
|-------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------|---------------------|---------------------|--------------------|---------------------|
| Thickness | EN ISO 24346 | Mean value ± 0.20 mm according to EN 12199 | 4 mm | | 3.2 mm | 9 mm (Art. 1956) | |
| | | Mean value ± 0.15 mm according to EN 1817 | | 3.5 mm | | 9 mm (Art. 1955) | 3.5 mm |
| Dimensional stability | EN ISO 23999 | ± 0.4 % | ← ± 0.2 → | | | | ± 0.1 % |
| Cigarette-burn resistance | EN 1399 | Procedure A (stubbed out) ≥ level 4 Procedure B (burning) ≥ level 3 | ← Fulfilled → | | | | |
| Flexibility | EN ISO 24344, procedure A | Mandrel diameter 20 mm, no fissuring | ← Fulfilled → | | | | |
| Hardness | ISO 48-4 | ≥ 70 Shore A (EN 12199) ≥ 75 Shore A (EN 1817) | 82 Shore A | 82 Shore A | 87 Shore A | 70 Shore A | 85 Shore A |
| Residual indentation | EN ISO 24343 | Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm Mean value ≤ 0.20 mm at thickness < 3.0 mm | 0.12 mm | 0.12 mm | 0.12 mm | 0.25 mm | 0.07 mm |
| Abrasion resistance at 5 N load | ISO 4649, procedure A | ≤ 250 mm ³ | 115 mm ³ | 115 mm ³ | 130 mm ³ | 90 mm ³ | 120 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; ≥ level 3 on the grey scale | ← Grey scale ≥ level 3 acc. to ISO 105-A02 → | | | | |
| Classification | EN ISO 10874 | Commercial/Industrial | 34/43 | 34/43 | 32/41 | 34/43 | 34/43 |

Additional technical properties

| | | | | | | | |
|------------------------------------------|-------------------|---------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------|------------------------|----------------------------------------------|
| Toxicity of fire gases | DIN 53436 | | Carbonisation gases are non-toxic | | - | - | - |
| Anti-slip properties | DIN EN 16165 | According to DGUV 108-003 | R 9 | R 9 arago = R 10 castello = R 10 grano Art. 1870 = R 10 pado = R 10 | R 9 | R 9 | R 9 975 LL serra/ kivo inspired = R 10 |
| | | | A | grano/Art. 1870 = A, B arago = A, B | - | - | - |
| | AS 4586-2013 AppA | | P1 | P1 arago P2 | P1 | P1 | P1 |
| Improvement in footfall sound absorption | ISO 10140-3 | | 12 dB | 10 dB | 9 dB | 15 dB | 8 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 propensity when walked upon | EN 1815 | | ← Antistatic, charging in case of rubber soles < 2 kV → | | | | |
| Effect of a castor chair | EN ISO 4918 | | ← Suitable if castor wheels, type W, according to EN 12529 are used → | | | | |
| Underfloor heating | EN 1264-2 | | ← Suitable, max. 35° C → | | | | |
| Critical Radiant Flux | AS ISO 9239.1 | ≥ 4.5kW/m ² | > 8.0kW/m ² | > 7.5kW/m ² | > 5.5kW/m ² | > 6.0kW/m ² | > 9.0kW/m ² |
| Smoke Development Rate | AS ISO 9239.1 | < 750%.min | < 300%.min | < 300%.min | < 400%.min | < 750%.min | < 300%.min |

* In case of increased impact of oils, greases, acids, alkalis and other aggressive chemicals please contact us.

EN 1817: Specification for homogeneous and heterogeneous smooth elastomer floor coverings

EN 12199: Specification for homogeneous and heterogeneous profiled elastomer floor coverings

Colour variations due to different production batches as well as technical alterations to improve the product have to be accepted.