

Homogeneous  
Compact Vinyl

**NC  
Castle**



**NC Dünya Flor**

Homogeneous  
Compact Vinyl

NC  
Verso



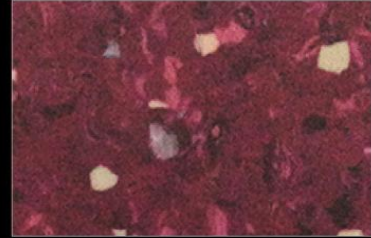
NC Dünya Flor



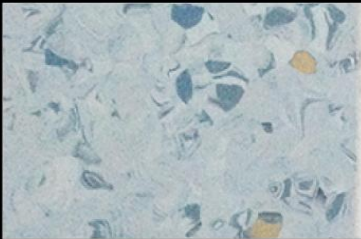
Yellow:  NC 300




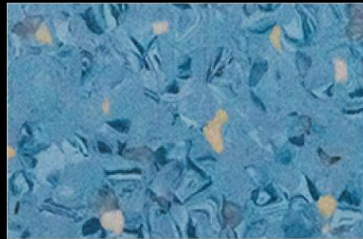
Red:  NC 301




Purple:  NC 302



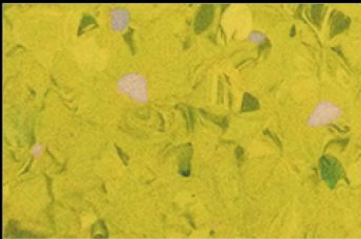
Light Blue:  NC 303



Medium Blue:  NC 304




Dark Blue:  NC 305




Lime Green:  NC 306




Dark Green:  NC 307



Medium Green:  NC 308



Light Green:  NC 309





White: NC 310



White Grey: NC 311



Light Grey: NC 312



Medium Grey: NC 313



Dark Grey: NC 314



Black: NC 315



Light Warm Grey: NC 316




Medium Warm Grey: NC 317



Dark Warm Grey: NC 318






Light Grey Beige:  NC 319



Medium Grey Beige:  NC 320




Dark Grey Beige:  NC 321



Light Beige:  NC 322




Medium Beige:  NC 323




Dark Beige:  NC 324




Light Yellow:  NC 325

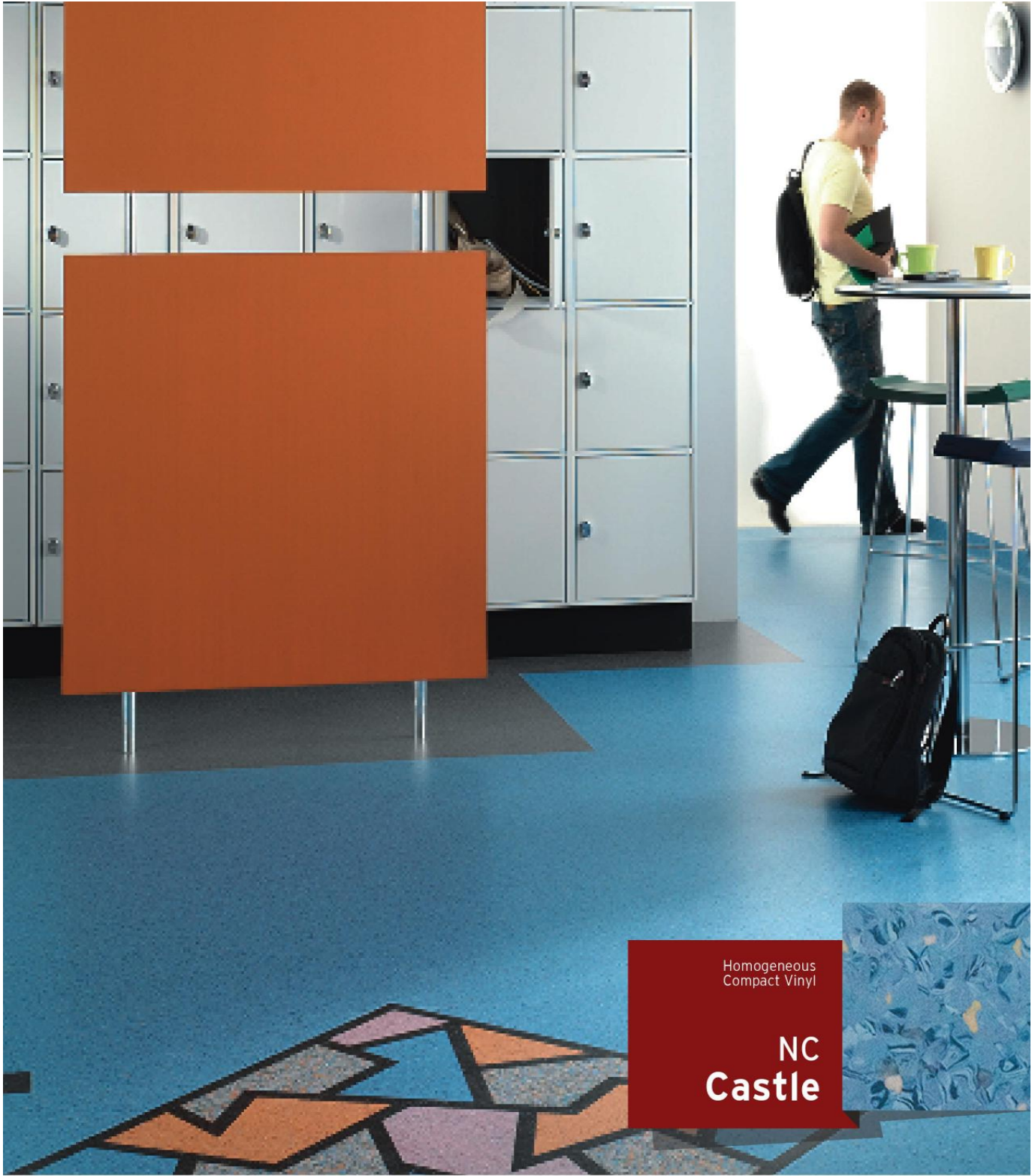


Yellow Beige:  NC 326



Brown Beige:  NC 327





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NC Dünya Flor  
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# NC Castle

## Specification

NC Castle is the result of good thinking. NC Castle combines sophisticated non-directional designs and outstanding flexibility. The NC Castle maintenance properties provides extreme durability and the best life cycle cost on the market. The range is suitable in commercial heavy traffic areas such as healthcare, education, retail, offices etc. NC Castle is produced with phthalate-free technology and VOC emissions 100 times lower than the strictest standards in Europe contributing to improved indoor environment and air quality.

### CERTIFICATION & CLASSIFICATION

### STANDARDS

### NC CASTLE

Type of floor covering	ISO 10581 - EN 649	Homogeneous single layered vinyl flooring.
Binder content	ISO 10581	Type I.
CE certification	EN 14041	Yes
Classification	ISO 10874 - EN 685	Commercial: 34 Industrial: 43
ISO Certification		Ronneby ISO 9001/Ronneby ISO 14001

### TECHNICAL CHARACTERISTICS

### STANDARDS

### NC CASTLE

iQ PUR		Yes
Total thickness	ISO 24346 - EN 428	2.0 mm
Total weight/m <sup>2</sup>	ISO 23997 - EN 430	2850 g
Form of delivery	ISO 24341 - EN 426 Sheet (rolls)	approx. 23 running metres x 200 cm art. no. 21030 _ _ _ 3 digit colour number
	ISO 24342 - EN 427 Tiles (box)	61 x 61 cm - 14 tiles/box = 5.21 m <sup>2</sup> art. no. 21030 _ _ _ 3 digit colour number

### TECHNICAL PERFORMANCES

### STANDARDS

### NC CASTLE

Reaction to fire	EN ISO 13501-1 EN ISO 9239-1 EN ISO 11925-2	Class Bfl s1 ≥ 8 kW/m <sup>2</sup> Pass
Total VOC emission	AgBB/DIBt Indoor air quality Floor Score RTS emission class	≤ 0.01 m <sup>3</sup> (after 28 days) Platinum SCS certified MI
Clean room	ISO 14644-1 ASTM F24 F51	ISO class 4 Class A
Bacteria resistance	ISO 846 Part C	Does not favour growth
Ease of decontamination	ISO 8690 - DIN 25415	Excellent
Chemical resistance	ISO 26987 - EN 423	Excellent
Slip resistance	DIN 51130 EN 13893 BS 7976-2	R9 ≥ 0.3 Low risk of slip
Wet room approval	EN 13553 Annex A GBR approval system	Watertight Certified
Abrasion	EN 660: Part 2	Group T: ≤ 2.0 mm <sup>3</sup>
Residual indentation	ISO 24343-1 - EN 433	Required value: ≤ 0.10 mm Average measured value: 0.02 mm
Dimensional Stability	ISO 23999 - EN 434	≤ 0.40 % for rolls ≤ 0.25 % for tiles
Costar chair test	ISO 4918 - EN 425	Suitable
Flexibility	ISO 24344 - EN 435	Pass
Static electrical discharge	EN 1815	< 2 kV
Underfloor heating		Suitable - max. 27°C
Thermal resistance	EN 12667	Approx. 0.01 m <sup>2</sup> K/W
Light fastness	EN ISO 105 - B02	≥ Level 6
Seam strength	EN 684	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm
Colours		34

The above information is subject to modification for the benefit of further improvement. (01/14)  
NC Dúnya Flor instructions regarding installation, cleaning and maintenance should be observed. Please contact NC Dúnya Flor at the address shown for these instructions.

