

HOMOGENEOUS
COMPACT VINYL
FLOORING

iQ OPTIMA

TRENDS CHANGE, ICONS REMAIN.

NIGEL, INTERIOR DESIGNER



The hallmark of a true classic is its ability to remain original. iQ Optima homogeneous vinyl flooring adds a next generation surface treatment for greater wear resistance. iQ Optima is the original that never stops improving, a true classic that is the preferred choice of designers for over 30 years.



THE ULTIMATE
FLOORING EXPERIENCE



Original Grey Beige / 3242 860



Original Dark Red Blue / 3217 849
 Original Blue Green / 3217 251
 Original Light Green / 3217 253
 Original Yellow Green / 3217 254

Original Green / 3217 861
 Mono Soft Cool White / 3217 202
 Mono Soft Grey / 3217 203

iQ OPTIMA, THE ORIGINAL DESIGN

With 100 million square metres installed since 1984, iQ Optima is the original that never stops improving, a true classic that is the preferred choice of designers for over 30 years.

BROAD DESIGN PALETTE

iQ Optima's updated range takes homogenous vinyl to the next level in aesthetics. The broad palette includes 64 different colours, 33 refreshed designs and a striking new linear pattern, **Mono**, specially developed to complement quieter environments.

The new design complements two other linear patterns, **Original** the timeless, classic design available in a variety of neutral shades and brighter colours - perfect for vibrant and lively spaces. **Essence** comes with grey and black hues, combined with rough, natural textures for busy areas.

COMPREHENSIVE RANGE

From hospitals to schools, hotels to offices, wet rooms to bedrooms, iQ Optima can offer individual solutions or a complete, coordinated design to flow seamlessly through areas with diverse uses.

Supported by a full range of accessories plus colour welding rods, iQ Optima provides a multi-format approach compatible with acoustic, slip-resistant and static-control environments. This flexibility means you can create a single surface for a variety of moods and needs without compromising on performance.



Original Red Orange / 3242 258
 Original Medium Yellow / 3242 826

EXCELLENT ENVIRONMENTAL AND TECHNICAL PROPERTIES

OUR COMMITMENT TO CIRCULAR ECONOMY

Our **Cradle to Cradle®** approach ensures we design our products to contribute positively to the environment and to people's well-being at each step of the product's life. We're committed to a circular economy where resources are continually reused and recycled, creating products today that become the raw materials of tomorrow.

Contributing to better indoor air quality, we also continue to eco-design all our flooring products so that they have low or extremely low VOC emissions – from 10 to 100 times below the most stringent European regulations.

One of Tarkett's main concern is, and has always been, to make its clients benefit from products manufactured with sustainable materials taking care of the environment and human health without however compromising performance and design experience.

OUR RESTART® PROGRAM

Tarkett is also engaged in recycling since 1957 and runs its own program called **ReStart®** in Europe and North America. **ReStart®** has been developed to collect and recycle clean leftover material from either post-installation resilient flooring or post-consumer carpets. It is then collected through partnerships with collection networks, before being processed in one of our eight internal recycling centers.



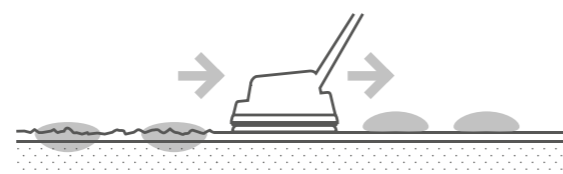
NEW iQ NEXT-GENERATION SURFACE TREATMENT

iQ Optima now comes with a next-generation surface treatment that sets new standards in performance. Exclusive to Tarkett, it brings best-in-class protection against marks and stains, even from chemicals. Combined with our **unique dry-buffing technology**, it keeps iQ flooring **new for life**.

iQ UNIQUE SURFACE RESTORATION

A system that uses simple dry buff to restore the surface's original appearance and function. Dry-buffing ensures continuous smooth, resistant and hard-wearing surface. The homogeneous construction of iQ allows the products to be dry buffed for the true life of the product without any need for chemicals.

Thanks to iQ unique surface restoration, the iQ ranges produce significant economies in the cost of cleaning and maintenance and provides the **best life cycle costs** on the market.



Surface with micro scratches due to traffic
Stains can filter and become embedded in a porous material

Dry-buffing

Restored flooring after dry-buffing, ensuring a sealed and smooth surface to maximise hygiene

iQ NEW FOR LIFE™, SUPERIOR EVERYDAY PERFORMANCE

ENJOY LIFELONG PERFORMANCE

- Keep your floor looking new with our **unique dry-buffing restoration technology**.
- Experience unparalleled resistance to stains and chemicals via our **next-generation surface treatment**.
- Maximise hygiene thanks to our smooth, sealed surface.

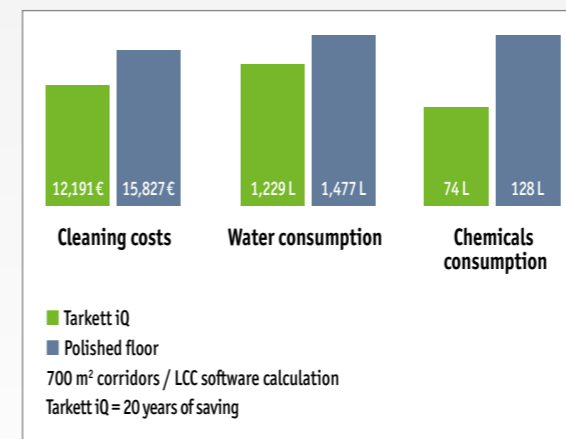
ACHIEVE LIFELONG SAVINGS

- Save 30% on maintenance** and see payback within 3 years thanks to iQ's superior performance.
- Spend less on cleaning with no wax, no polish, ever.
- Speed up installation with **flexible handling**.

LCC CALCULATION TO COMPARE FLOORING COST EFFECTIVENESS

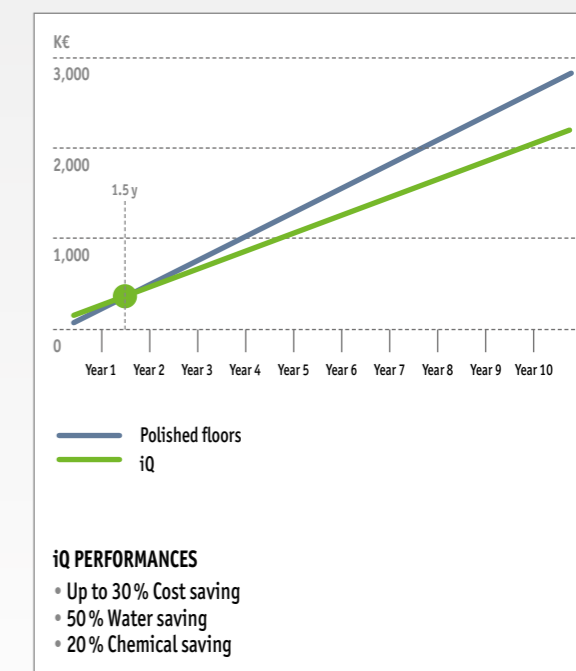
Tarkett has developed a program called Life Cycle Cost analysis (LCC) to compare the total cost for cleaning and maintenance of different flooring materials.

iQ vs polished floor cleaning cost comparison per year - school 700m²



Source: LCC Software Calculation

iQ vs polished floor cost savings hospital 10,000m²

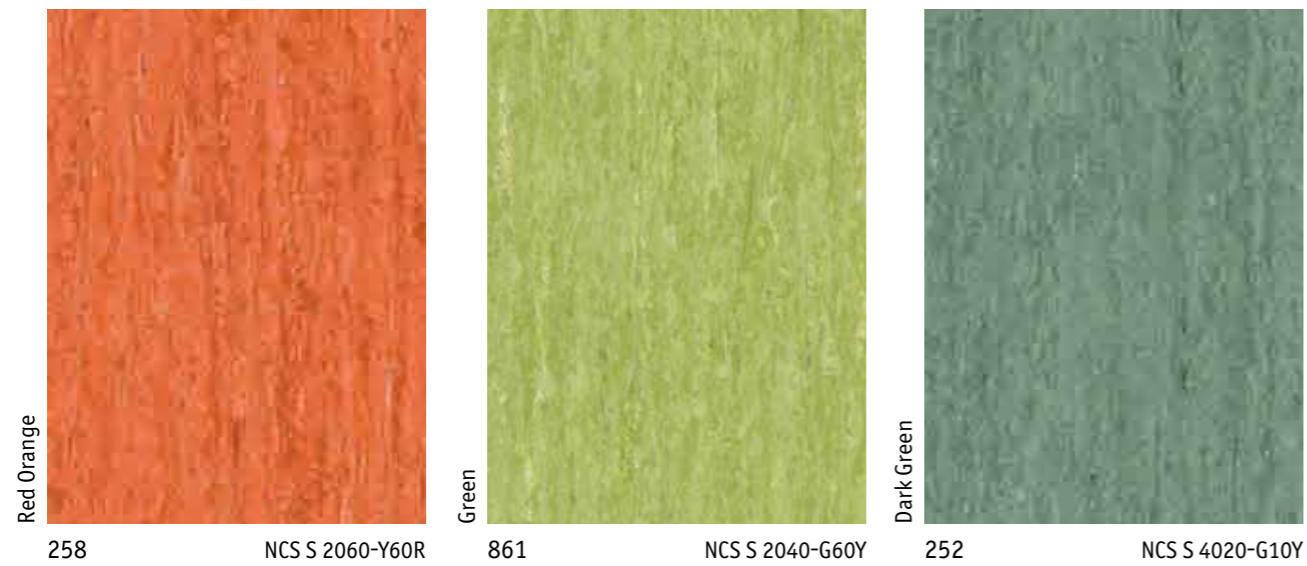
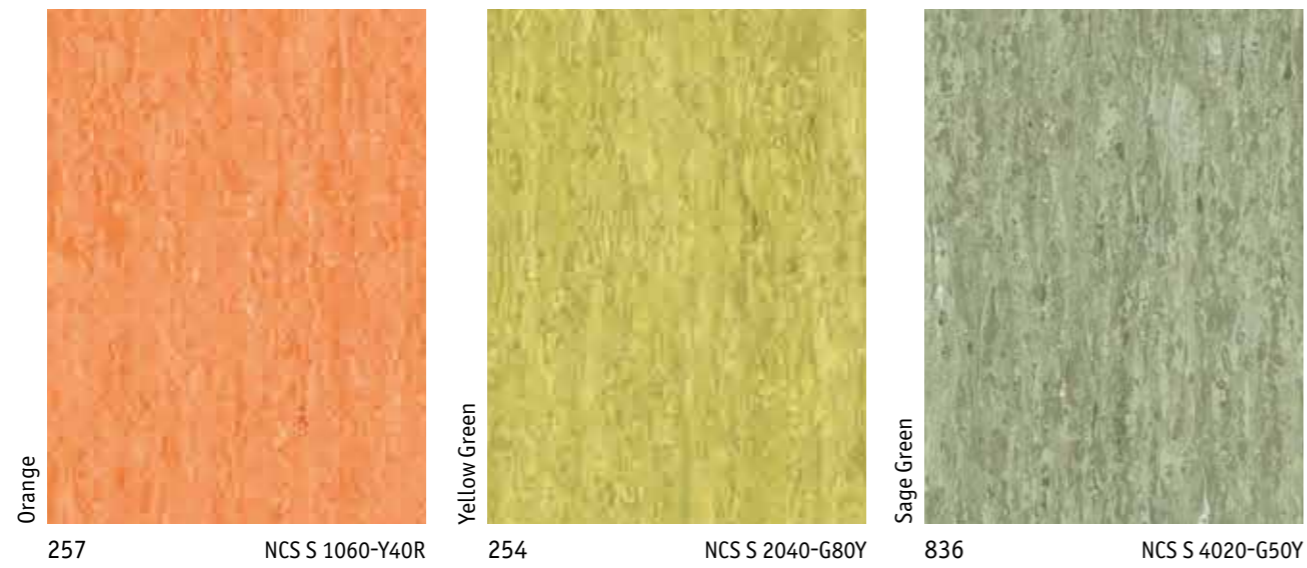
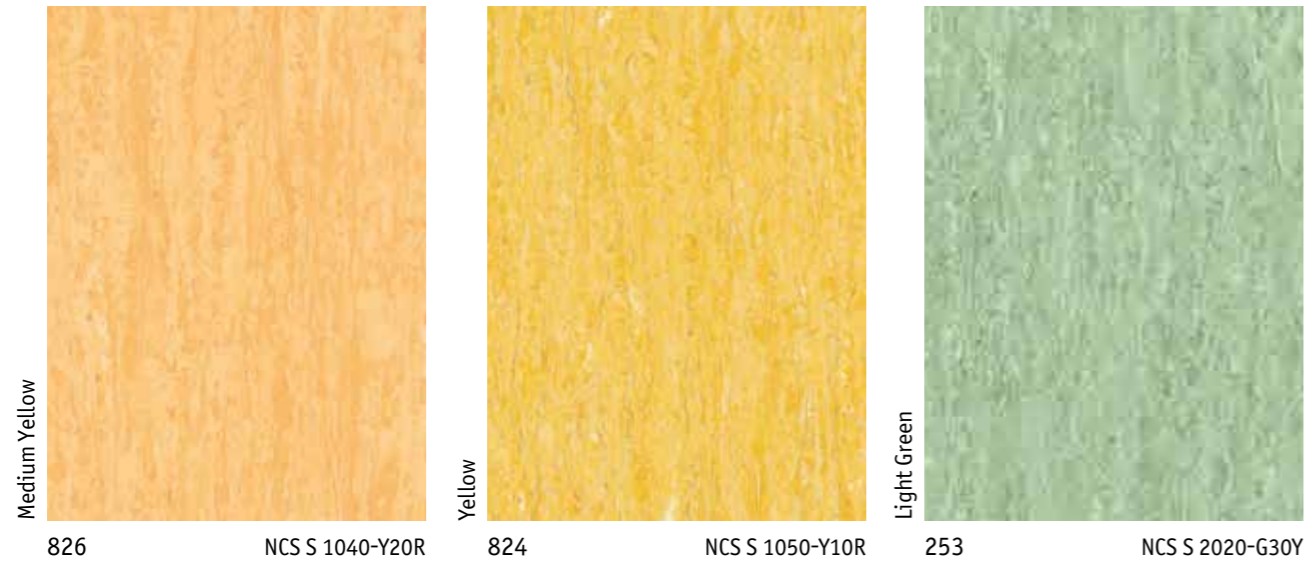


Source: LCC Software Calculation

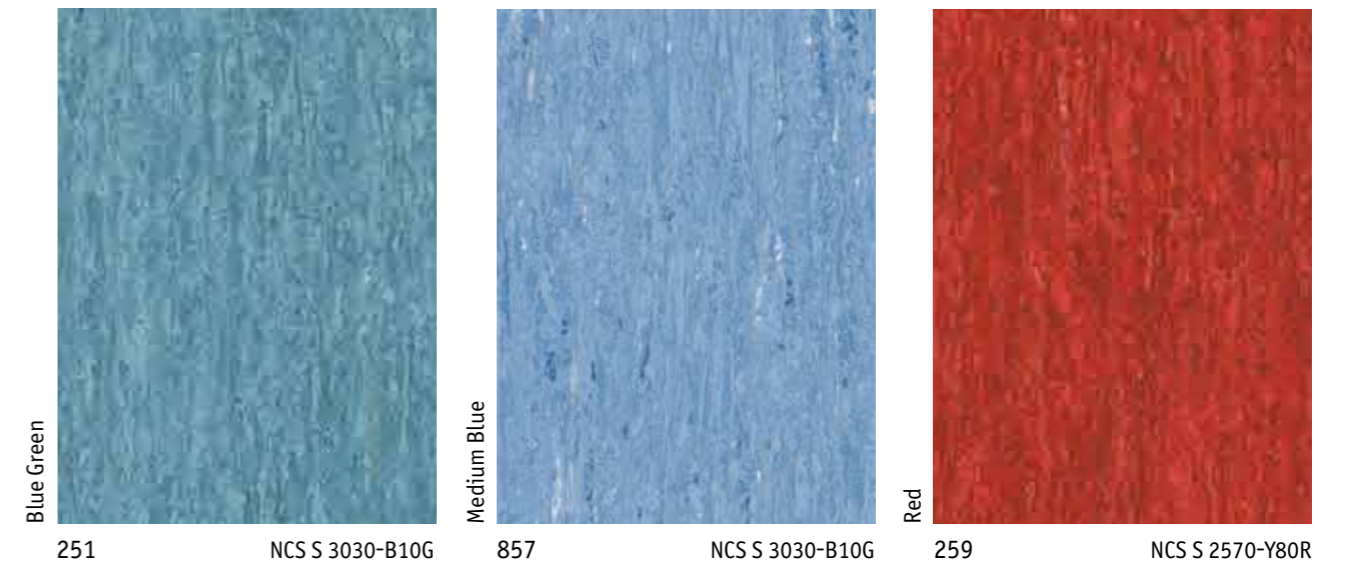
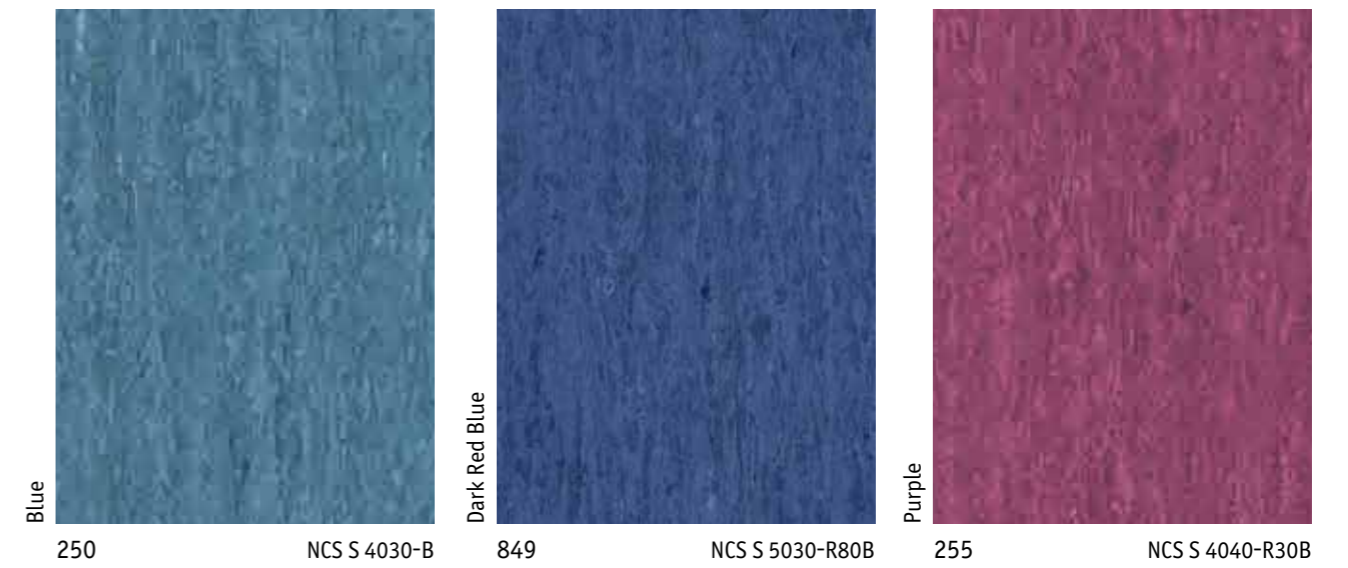
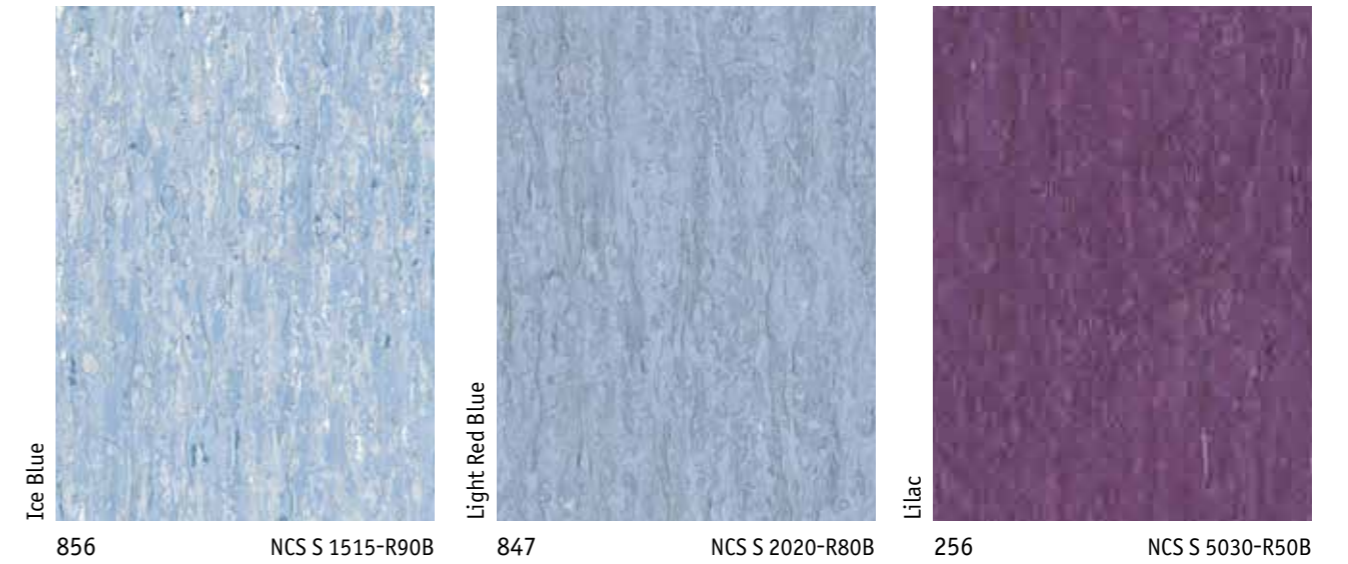


Original Brown Beige / 3242 899

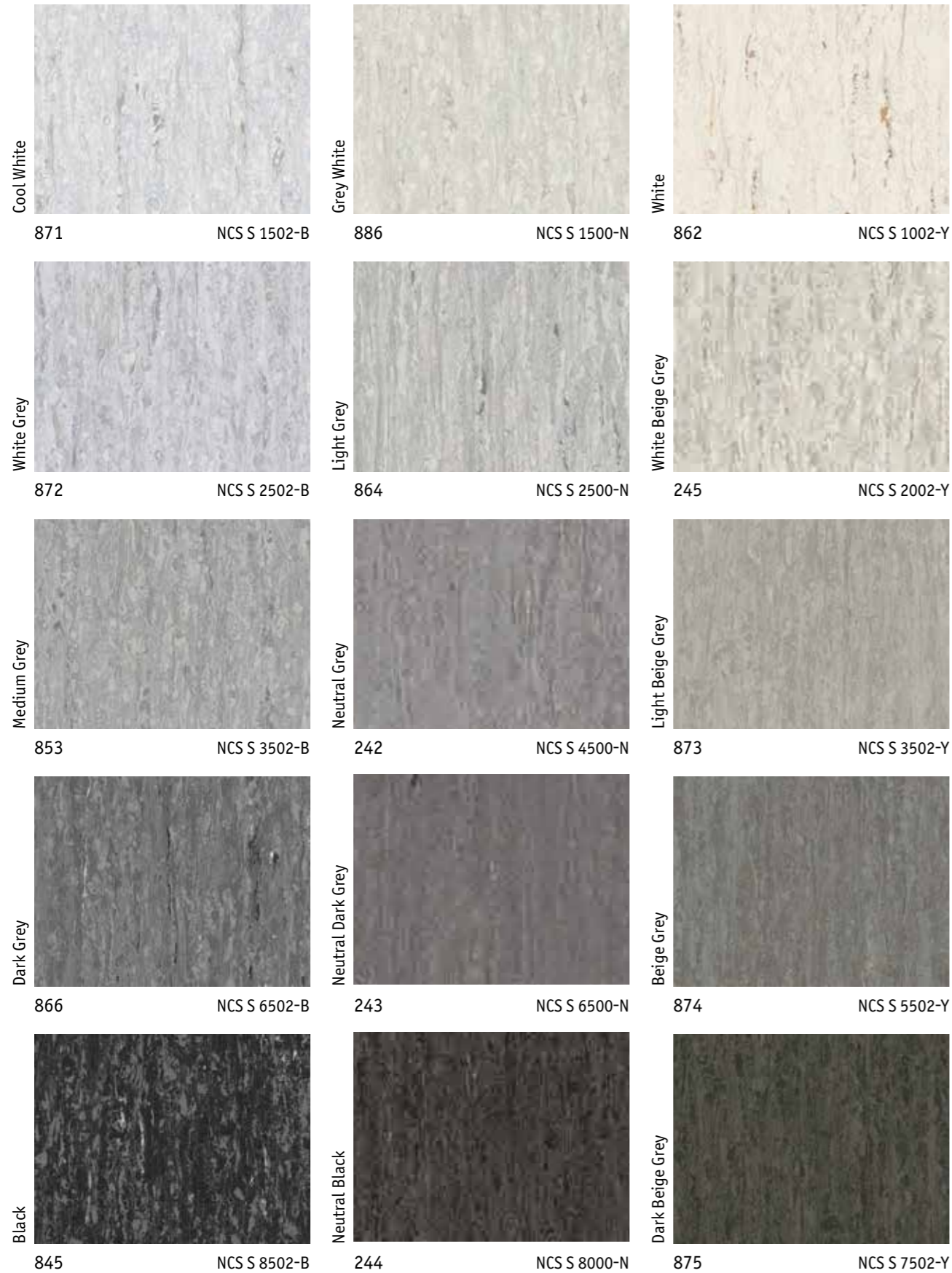
iQ OPTIMA ORIGINAL



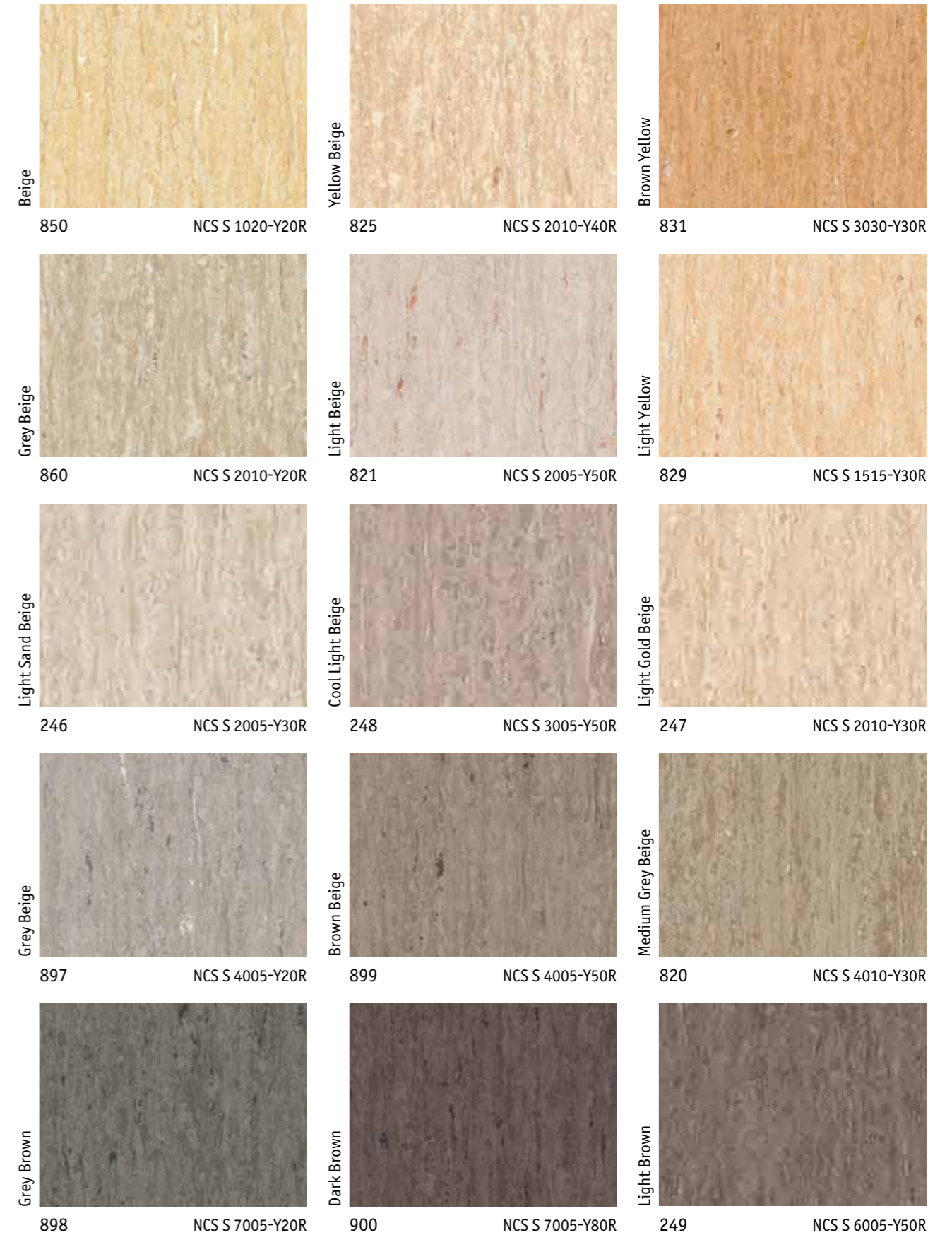
iQ OPTIMA ORIGINAL



iQ OPTIMA ORIGINAL



iQ OPTIMA ORIGINAL



iQ OPTIMA ESSENCE



iQ OPTIMA MONO





Photo: barabild

Essence White Contrast / 3077 951



Original Yellow / 3242 824
Original Dark Blue / 3242 849
Original Ice Blue / 3242 856

Original Medium Blue / 3242 857
Mono Grey / 3242 200
Mono White / 3242 205



Mono Warm White / 3242 205
Mono Soft Warm Grey / 3242 206

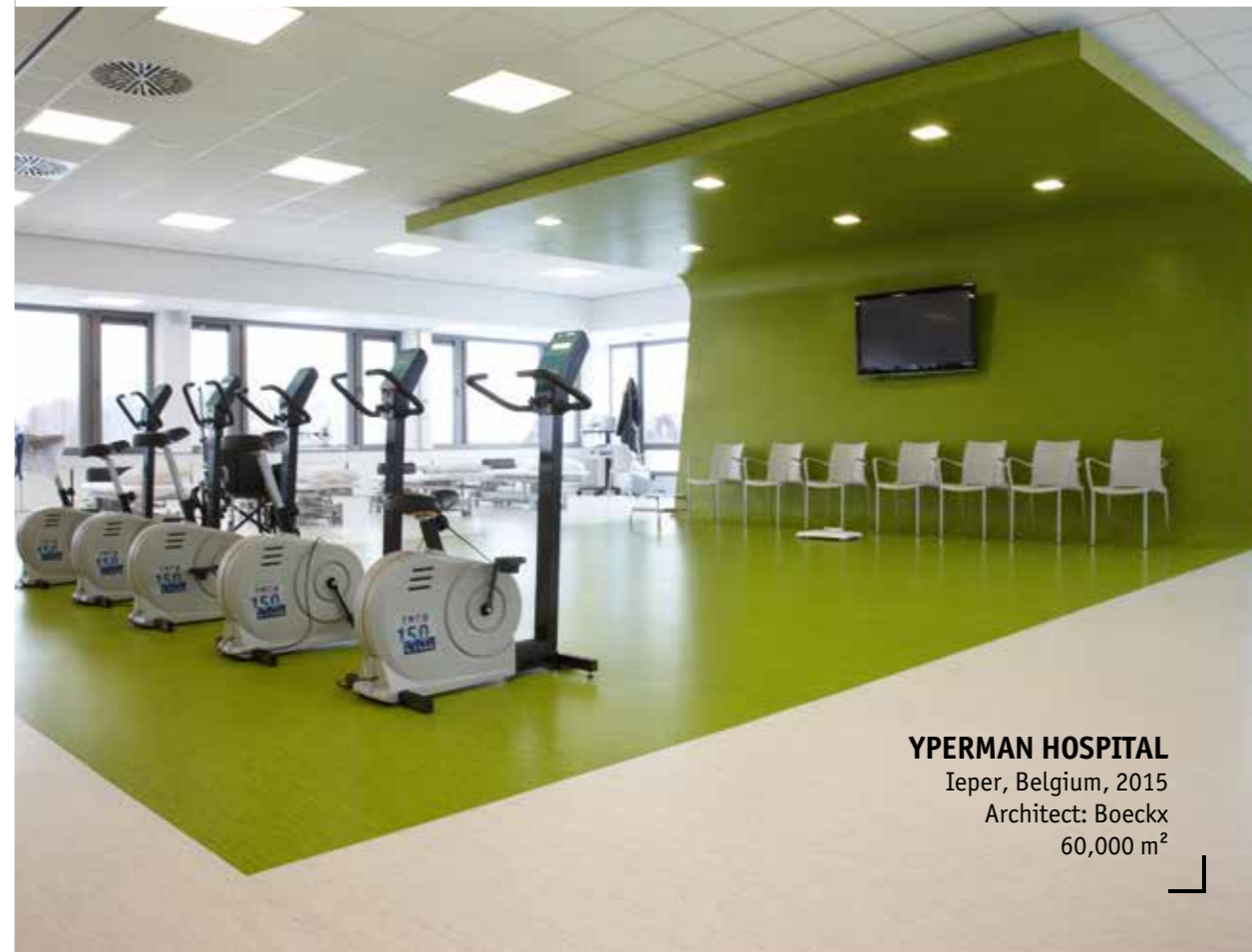
Mono Soft Dark Beige / 3242 207
Mono Soft Cool Beige / 3242 209
Original Brown Yellow / 3242 831

NANTES UNIVERSITY HOSPITAL

Nantes, France, 2013

Architect: Architectes Ingénieurs Associés (AIA)

14,000 m²



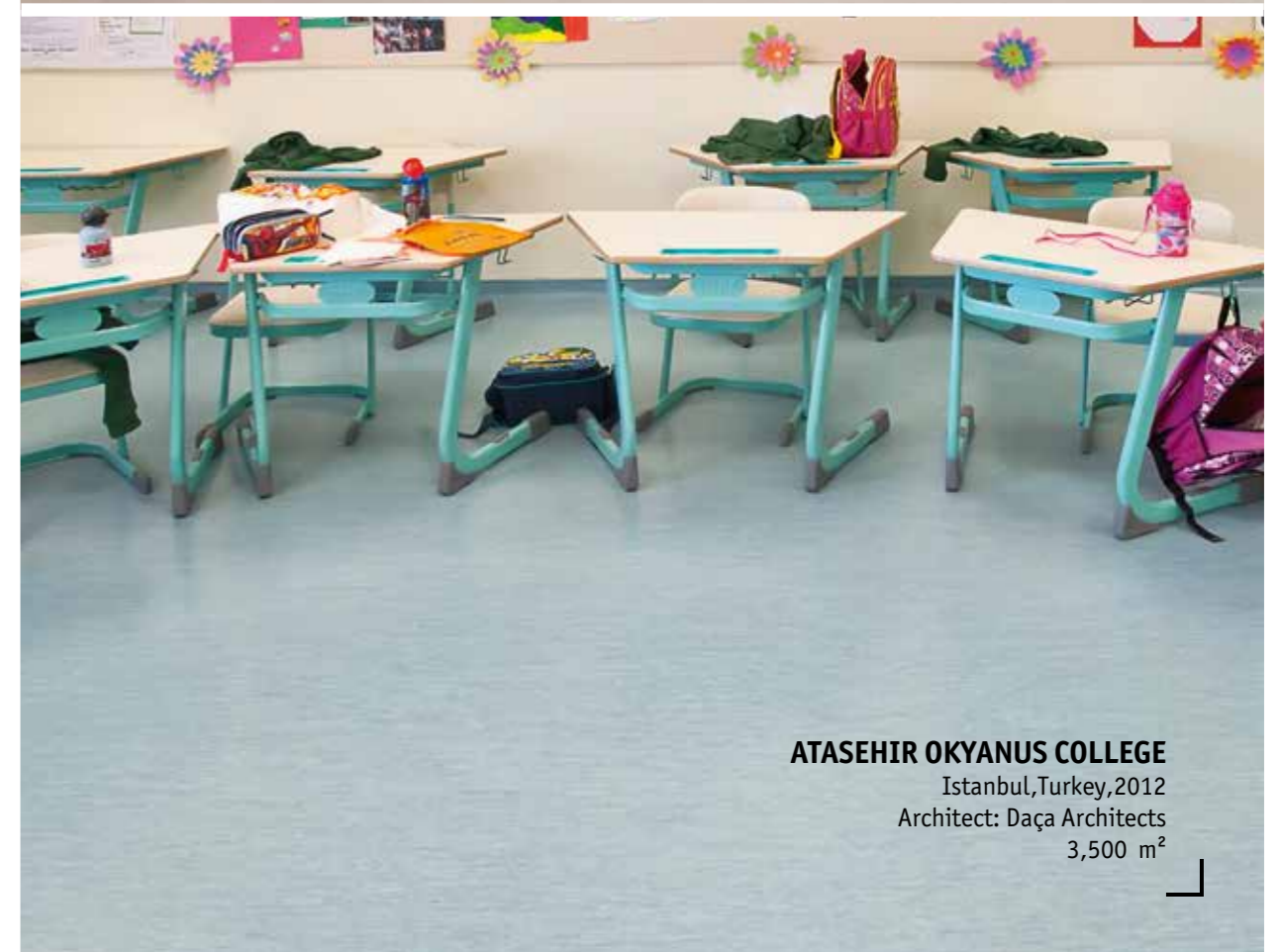
YPERMAN HOSPITAL

Ieper, Belgium, 2015

Architect: Boeckx

60,000 m²

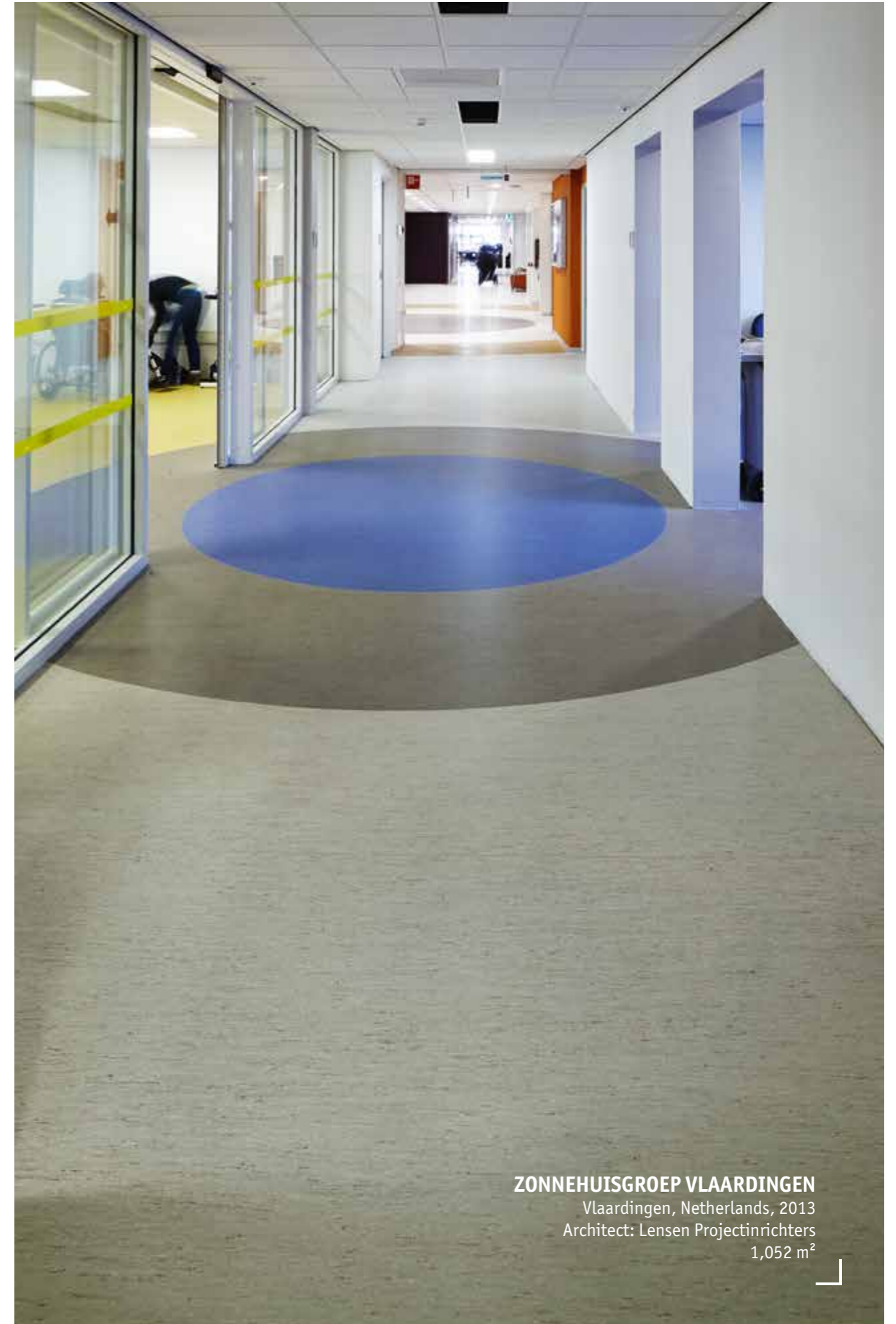
LES ATTAQUES DAY NURSERY
Les Attaques, France, 2011
Architect: Cabinet Toth et Fasquelle
400 m²



ATASEHIR OKYANUS COLLEGE
Istanbul, Turkey, 2012
Architect: Daça Architects
3,500 m²



LIEVENSBERG HOSPITAL
Bergen op Zoom, The Netherlands, 2008
Architect: Van Houte projectinrichting
1,500 m²



ZONNEHUISGROEP VLAARDINGEN
Vlaardingen, Netherlands, 2013
Architect: Lensen Projectinrichters
1,052 m²

BB VÄSTERÅS

Västerås, Sweden, 2010
Architect: LLN Arkitekter AB
2,120 m²





Photo: Christian Holmér



Photo: Christian Holmér



Photo: Christian Holmér

NYKÖPINGS HÖGSTADIUM
Nyköping, Sweden, 2014
Architect: Carlstedt Arkitekter
8,000 m² (both compact & acoustic)



Photo: baraBild



Photo: baraBild

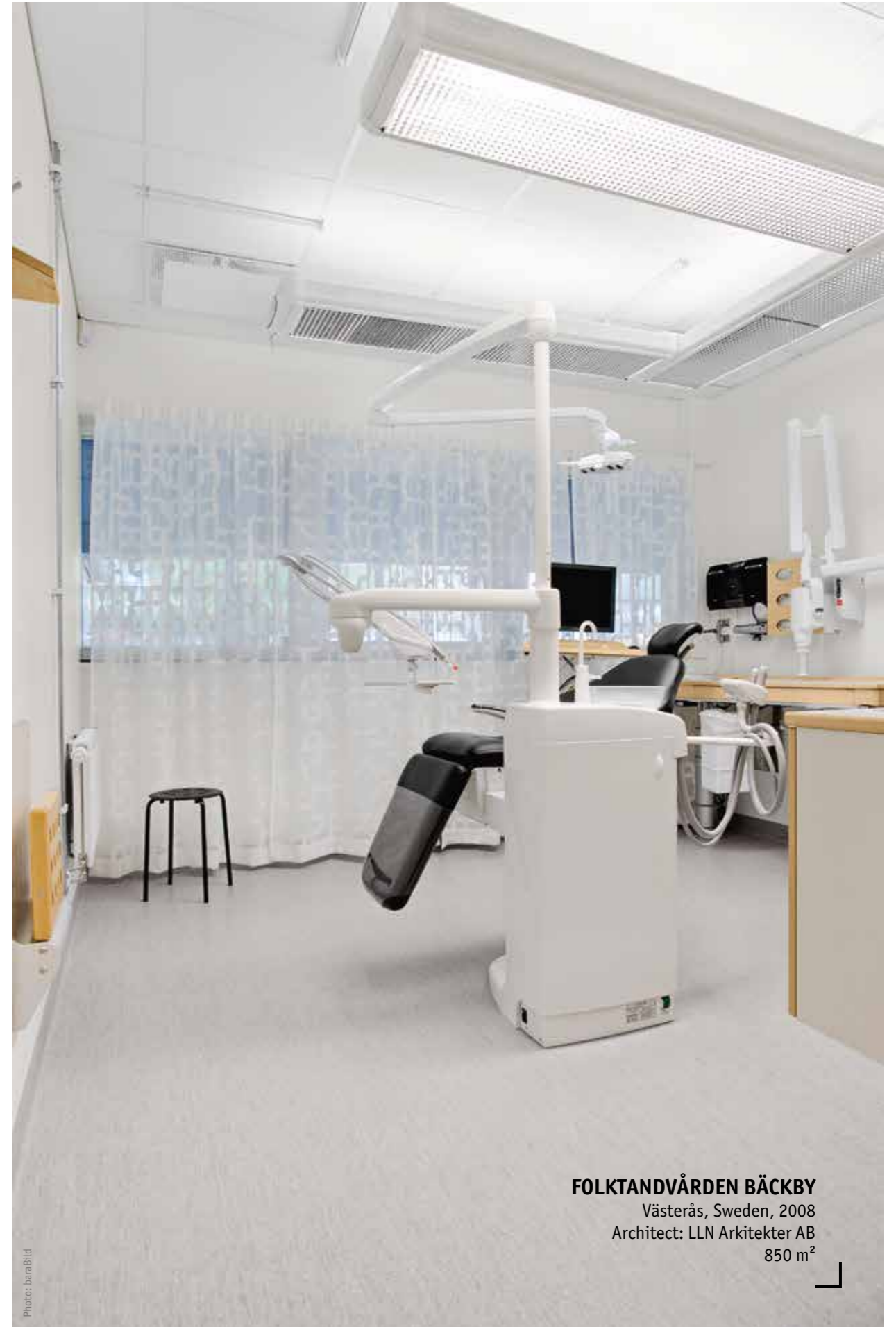


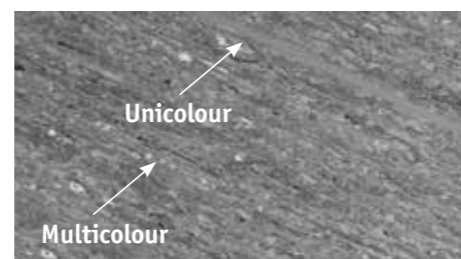
Photo: baraBild

FOLKTANDVÅRDEN BÄCKBY
Västerås, Sweden, 2008
Architect: LLN Arkitekter AB
850 m²

COORDINATED ACCESSORIES

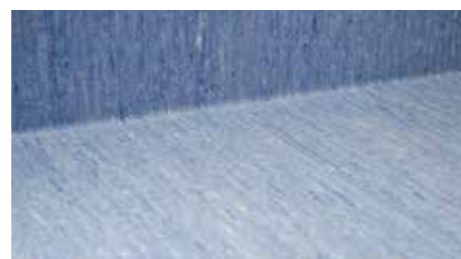
WELDING RODS

- 4mm multicolour and unicolour welding rods available.
- Heat weldings for perfect watertightness and hygiene.
- Superior seam strength.
- Easy cleaning and maintenance.



COVINGS

- Superior flexibility of the flooring.
- Easy to cover up walls.
- Wet room approved, perfect watertightness.



WALL COVERINGS

Wallgard (controlled environments)

- Smooth and impervious surface with PU-Shield.
- Hygienic and watertight.
- High flexibility, easy to cove and weld with flooring.



Aquarelle Wall (wet room areas)

- Waterproof installation.
- Fresh and trendy colours, modern designs.
- Unique Wet room Concept by Tarkett: matching floors, walls, borders and accessories.
- Hygienic and easy to maintain.



FLOORCRAFT SERVICE

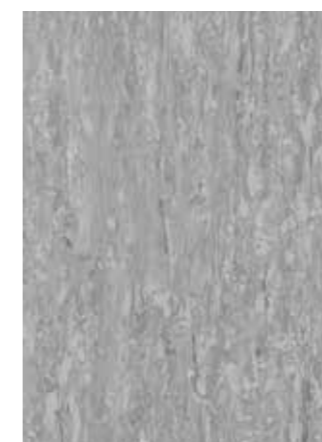
- A fully customised solution to match your choice of design and colour, for a more individualised flooring environment.
- A bank of design options in any size in a selection of 20 colour options.
- Floorcraft designs are assembled in the factory and sent on-site.



A COMPLETE COORDINATED RANGE

iQ OPTIMA

64 colour references



3242 853

iQ OPTIMA ACOUSTIC

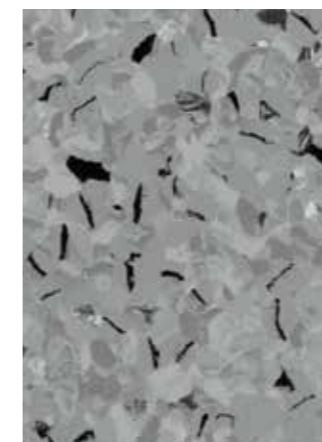
20 colour references



3076 866

iQ TORO SC

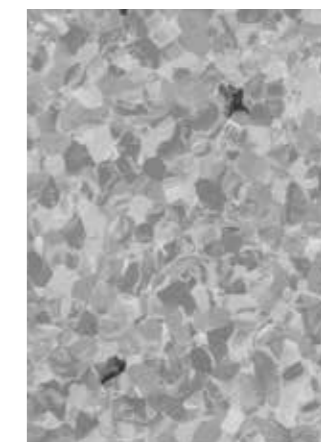
14 colour references



3093 102

iQ GRANIT SD

14 colour references



3096 712

OPTIMA MULTISAFE

9 colour references



3240 853

COLOUR-COORDINATION SYSTEM

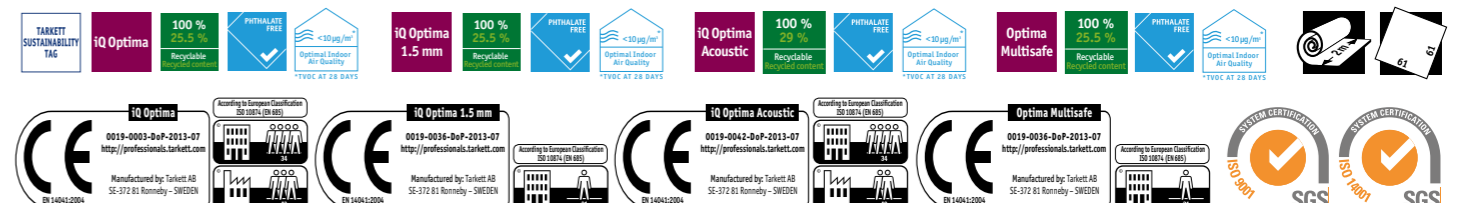
iQ Optima References	iQ Optima Acoustic References	Optima Multisafe References	Welding rods		iQ Granit SD References	Welding rods Plain	iQ Toro SC References	Welding rods Plain
			Plain	Multicolour				
3077 260	-	-	1287 839	1290 365	-	-	-	-
3077 261	-	-	1287 534	1290 366	-	-	-	-
3077 262	-	-	1287 279	1290 151	-	-	-	-
3077 263	-	-	1294 083	1290 174	-	-	-	-
3077 264	-	-	1287 447	1290 173	-	-	-	-
3077 951	-	-	1287 170	1290 364	-	-	-	-
3242 200	-	-	1292 160	1290 354	-	-	-	-
3242 201	-	-	1287 836	1290 355	-	-	-	-
3242 202	-	-	1287 837	1290 356	-	-	-	-
3242 203	-	-	1287 831	1290 357	-	-	-	-
3242 204	-	-	1287 832	1290 358	-	-	-	-
3242 205	-	-	1287 838	1290 359	-	-	-	-
3242 206	-	-	1287 828	1290 360	-	-	-	-
3242 207	-	-	1287 830	1290 361	-	-	-	-
3242 208	-	-	1287 204	1290 362	-	-	-	-
3242 209	-	-	1287 233	1290 363	-	-	-	-
3242 242	-	-	1287 006	1290 340	-	-	-	-
3242 243	-	-	1294 727	1290 341	-	-	-	-
3242 244	-	-	1287 835	1290 124	-	-	-	-
3242 245	-	-	1287 279	1290 085	-	-	-	-
3242 246	3076 246	-	1292 319	1290 290	-	-	-	-
3242 247	3076 247	-	1291 615	1290 342	-	-	-	-
3242 248	-	-	1287 233	1290 343	-	-	-	-
3242 249	-	-	1287 458	1290 344	-	-	-	-
3242 250	-	-	1287 824	1290 345	-	-	-	-
3242 251	-	-	1287 825	1290 346	-	-	-	-
3242 252	-	-	1287 833	1290 347	-	-	-	-
3242 253	-	-	1287 826	1290 348	-	-	-	-
3242 254	-	-	1287 352	1290 349	-	-	-	-
3242 255	-	-	1287 823	1290 350	-	-	-	-
3242 256	-	-	1287 829	1290 351	-	-	-	-
3242 257	3076 257	-	1287 834	1290 352	-	-	-	-
3242 258	-	-	1287 472	1290 353	-	-	-	-
3242 259	-	-	1287 441	1290 331	-	-	-	-
3242 820	3076 820	3240 820	1287 005	1290 099	-	-	-	-
3242 821	3076 821	-	1291 821	1290 159	3096 714	1287 415	3093 104	1288 255
3242 824	3076 824	-	1287 827	1290 334	-	-	-	-
3242 825	3076 825	-	1291 203	1290 024	3096 716	1287 417	3093 105	1292 372
3242 826	-	-	1287 504	1290 102	3096 715	1287 416	3093 572	1287 438
3242 829	-	-	1291 342	1290 040	-	-	-	-
3242 831	-	-	1287 059	1290 335	3096 721	1287 431	3093 573	1287 059
3242 836	-	-	1287 040	1290 078	3096 724	1287 499	3093 576	1287 309
3242 845	3076 845	3240 845	1291 845	1290 034	3096 713	1287 414	3093 103	1292 384
3242 847	-	-	1287 513	1290 111	3096 718	1287 419	3093 107	1291 210
3242 849	-	-	1287 515	1290 113	-	-	-	-
3242 850	-	3240 860	1287 041	1290 045	-	-	-	-
3242 853	3076 853	3240 853	1292 388	1290 022	3096 712	1287 413	3093 102	1292 383
3242 856	3076 856	-	1288 905	1290 051	-	-	-	-
3242 857	3076 857	-	1287 841	1290 336	-	-	-	-
3242 860	3076 860	-	1287 039	1290 066	-	-	-	-
3242 861	3076 861	3240 861	1287 592	1290 337	-	-	-	-
3242 862	3076 862	-	1291 862	1290 025	3096 719	1287 256	3093 570	1287 531
3242 864	3076 864	-	1287 412	1290 028	3096 711	1287 412	3093 101	1291 811
3242 866	3076 866	3240 866	1287 842	1290 026	3096 726	1287 394	3093 578	1291 216
3242 871	3076 871	-	1287 522	1290 120	-	-	-	-
3242 872	-	-	1287 523	1290 121	-	-	-	-
3242 873	3076 873	3240 873	1287 524	1290 122	-	-	-	-
3242 874	3076 874	3240 874	1287 840	1290 338	-	-	-	-
3242 875	-	-	1287 526	1290 124	-	-	-	-
3242 886	-	3240 886	1291 609	1290 049	3096 710	1287 411	3093 100	1287 322
3242 897	-	-	1287 170	1290 203	-	-	-	-
3242 898	-	-	1287 333	1290 339	-	-	-	-
3242 899	3076 899	-	1287 447	1290 088	3096 722	1287 379	3093 574	1287 379
3242 900	-	-	1287 013	1290 089	3096 723	1287 456	3093 575	1287 456

iQ OPTIMA TECHNICAL DATA

CLASSIFICATION	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
Type of floorcovering	EN ISO 10581 - Compact	Homogeneous vinyl flooring	-	Homogeneous single layered vinyl flooring with studded surface
	EN ISO 11638 - Acoustic	-	Homogeneous vinyl flooring with foam interlayer	-
Classification	EN ISO 10874	Commercial: 34 Industrial: 43	Commercial: 34 Industrial: 42	Commercial: 31
Certification	EN 14041	Yes	Yes	Yes
CHARACTERISTICS	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
Total thickness	EN ISO 24346	2.0 mm	3.7 mm	2.25 mm
Wear layer thickness	EN ISO 24340	2.0 mm	2.0 mm	2.0 mm
Total weight	EN ISO 23997	2 700 g/m ²	3 500 g/m ²	2 820 g/m ²
Binder content	EN ISO 10581 - Compact	Type I	-	Type I
	EN ISO 11638 - Acoustic	-	Type II	-
Surface treatment		New iQ PUR	New iQ PUR	-
Dimensions	EN ISO 24341 Sheet (roll)	iQ Optima Approx. 25 lm x 200 cm Art. no. 3242 ___ 3 digit colour number	Approx. 25 lm x 195 cm Art. no. 3076 ___ 3 digit colour number	Approx. 25 lm x 200 cm Art. no. 3240 ___ 3 digit colour number
		iQ Optima Essence Approx. 25 lm x 200 cm Art. no. 3077 ___ 3 digit colour number	-	-
	EN ISO 24342 Tile (box)	iQ Optima 61x61 cm - 14 tiles/box = 5.21 m ² Art. no. 3217 ___ 3 digit colour number	-	-
		iQ Optima Essence 61 x 61 cm - 14 tiles/box = 5.21 m ² Art. no. 3080 ___ 3 digit colour number	-	-
TECHNICAL PERFORMANCES	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
Dimensional stability	EN ISO 23999	≤ 0.40 % for rolls ≤ 0.25 % for tiles	≤ 0.40 %	≤ 0.40 %
Curl resistance to heat	EN ISO 23999	No damage	No damage	No damage
Residual indentation	EN ISO 24343-1 requirement	≤ 0.10 mm	≤ 0.20 mm	≤ 0.10 mm
	Best measured value	0.02 mm	0.17 mm	0.02 mm
Impact sound reduction	EN ISO 717/2	-	Approx. +17 dB	-
Acoustic improvement	NF S31-074	-	L _{n,e,w} < 65 dB - Class A	-
Effect of castor chair	ISO 4918 - EN 425	Suitable	Suitable	Suitable
Clean room test	ASTM F51/00 ISO 14644-1	Class A ISO class 4	-	-
Ease of decontamination	ISO 8690	Excellent	-	-
Color fastness to artificial light	EN ISO 105-B02, Method 3 ^a	≥ level 7	≥ level 7	≥ level 7
Total VOC emissions	ISO 16000-6	≤ 10 µg/m ³ (after 28 days)	≤ 10 µg/m ³ (after 28 days)	≤ 10 µg/m ³ (after 28 days)
Chemical resistance	EN ISO 26987	Excellent	Excellent	Excellent
Bacteria resistance	ISO 846 - Part C	Does not favour growth	Does not favour growth	Does not favour growth
DISINCTIVE FEATURES	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
Reaction to fire	EN ISO 9239-1 EN ISO 13501-1 EN ISO 11925-2	≥ 8 kW/m ² Class B _{f1} s1 Pass	≥ 8 kW/m ² Class B _{f1} s1 Pass	≥ 8 kW/m ² Class B _{f1} s1 Pass
Static electrical charge	EN 1815	< 2 kV	-	< 2 kV
Slip resistance	DIN 51130 EN 13893	≥ 0.3 R9	≥ 0.3 R9	≥ 0.3 R10
Barefoot test	DIN 51097	-	-	Class B (18°)
Seam strength	EN 684	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm
Thermal conductivity	EN 12667	0.01 m ² K/W	-	0.01 m ² K/W
Underfloor heating		Suitable - max. 27°C	Suitable - max. 27°C	Suitable - max. 27°C
Colours		Original: 48 Mono: 10 / Essence: 6	20	9

The above information is subject to modifications for the benefit of further improvement. (10/16).
For more detailed technical information, please contact Tarkett.

CUSTOMS TARIFF : 48205000000F



FOR LIFELONG SAVINGS

- Save 30% on maintenance and see payback within 3 years thanks to iQ's superior performance.
- Spend less on cleaning with no wax, no polish, ever.

FOR LIFELONG PERFORMANCE

- Keep your floor looking new with our unique dry-buffing restoration technology.
- Experience unparalleled resistance to stains and chemicals via our next-generation surface treatment.



FOR LIFELONG STYLE

- Express your creativity with 11 patterns and 257 colours.
- Use our comprehensive range of accessories for a perfect finish.

FOR A SUSTAINABLE FUTURE

- Contribute positively to the environment and people's well-being thanks to our Cradle to Cradle® approach.
- Benefit from our phthalate-free, 100% recyclable flooring, with low or extremely low VOC emissions – from 10 to 100 times below the most stringent European regulations.

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