



Specification

The coordinated iQ Optima range includes iQ Optima, iQ Optima acoustic and Optima Multisafe. iQ Optima is a 2 mm compact flooring in 64 colours and a choice of 2m width rolls, 61x61cm tiles for all colours plus 71.16x10.16cm planks for Essence designs. The Essence design is available with and without embossing. iQ Optima acoustic and Optima Multisafe come in 2m width rolls in 12 colours from the range, with others available on request. Suitable for most commercial areas, the iQ Optima family offers a wide range of colourways and possible combinations to provide a solution for every area with outstanding performances and life cycle costs.



CERTIFICATION & CLASSIFICATION	STANDARDS	iQ Optima	Optima Multisafe	iQ Optima Acoustic
Type of floorcovering	EN 649	Homogeneous vinyl flooring	Homogeneous single layered vinyl flooring with studded surface	-
	EN 651	-	-	Homogeneous singlelayered vinyl flooring with foam interlayer
CE Certification	Yes	Yes	Yes	Yes
Classification	EN 685	Commercial: 34	Commercial: 31	Commercial: 34
		Industrial: 43	-	Industrial: 42
TECHNICAL CHARACTERISTICS	STANDARDS	iQ Optima	Optima Multisafe	iQ Optima Acoustic
Wear layer thickness	EN 429	2.0 mm	2.0 mm	2.0 mm
iQ PUR	Yes	Yes	No	Yes
Foam layer thickness	EN 429	-	-	1.5 mm
Adhesive foil thickness	EN 429	-	-	0.2 mm
Total thickness	EN 428	2.0 mm	2.25 mm	3.7 mm
EN 430	2 800 g/m ²	2 800 g/m ²	2 820 g/m ²	3 500 g/m ²
Form of delivery	EN 426	iQ Optima Approx. 25 r m x 200 cm art. no. 3242 --- 3 digit colour number	Approx. 25 r m x 200 cm art. no. 3240 --- 3 digit colour number	Approx. 25 r m x 195 cm art. no. 3076 --- 3 digit colour number
	EN 427	iQ Optima 61 x 61 cm - 14 tiles/box = 5.21 m ² art. no. 3217 --- 3 digit colour number	-	-
Sheet (rolls)	EN 427	iQ Optima Essence Approx. 25 r m x 200 cm art. no. 3077 --- 3 digit colour number	-	-
		All over embossing Approx. 25 r m x 200 cm art. no. 3078 --- 3 digit colour number	-	-
Sheet (rolls)	EN 427	Planks embossing Approx. 25 r m x 200 cm art. no. 3079 --- 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	-	-
Sheet (rolls)	EN 427	Decorplanks with embossing 71.16 x 10.16 cm - 28 planks/box = 2.02 m ² art. no. 3082 --- 3 digit colour number	-	-
		-	-	-
Tiles (box)	EN 427	-	-	-
		-	-	-
Planks (box)	EN 427	-	-	-
		-	-	-

TECHNICAL PERFORMANCES	STANDARDS	iQ Optima	Optima Multisafe	iQ Optima Acoustic
Dimensional stability	EN 434	≤ 0.40 % for rolls ≤ 0.25 % for tiles	≤ 0.40 %	≤ 0.40 %
		-	-	-
Abrasion Group	Thickness loss EN 660: Part 1 Volume loss EN 660: Part 2	-	Group P: ≤ 0.15 mm Group Pt: ≤ 4.0 mm ³	-
		Group T: ≤ 2.0 mm ³	Group P: ≤ 0.15 mm Group Pt: ≤ 4.0 mm ³	Group T: ≤ 2.0 mm ³
Residual indentation	EN 433	Approx. 0.03 mm	Approx. 0.03 mm	≤ 0.20 mm
Castors chair test	EN 425	Suitable	Suitable	Suitable
Static electrical charge	EN 1815	< 2 kV	< 2 kV	Suitable
Underfloor heating	EN 12667/DIN 52612	Suitable - max. 27° C	Suitable - max. 27° C	Suitable - max. 27° C
Impact sound resistance	EN ISO 717/2	-	-	Approx. +16 dB
Thermal resistance	EN 12667/DIN 52612	Approx. 0.01 m ² K/W	Approx. 0.01 m ² K/W	-
		Class B _f s1	Class B _f s1	Class B _f s1
Reaction to fire	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	≥ 8 kW/m ² Pass	≥ 8 kW/m ² Pass	≥ 8 kW/m ² Pass
		Pass	Pass	Pass
Light fastness	EN ISO 105-B02	≥ level 6	≥ level 6	≥ level 6
Chemical resistance	EN 423	Good resistance	Good resistance	Good resistance
Bacteria resistance	DIN EN 846-C	Does not favour growth	Does not favour growth	Does not favour growth
Clean room test	ASTM F51/00	Class A	-	-
Bare foot test	DIN 51097	-	Class B (18°)	-
Slip resistance	DIN 51130	R9	R10	R9
		≥ 0.3	≥ 0.3	≥ 0.3
Colours	EN 13893	iQ Optima 51	12	12
		iQ Optima Essence 13	-	-

The above information is subject to modification for the benefit of further improvement. (07/11).
Tarkett's instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions. CUSTOMS TARIFF: 48205000000F

iQ Optima

- TARKETT BALANCED CHOICE
- 54% Natural
- 100% Recyclable
- Optimal Indoor Air Quality
- TVOC AT 28 DAYS

Optima Multisafe

- TARKETT BALANCED CHOICE
- 54% Natural
- 100% Recyclable
- Optimal Indoor Air Quality
- TVOC AT 28 DAYS

iQ Optima Acoustic

- TARKETT BALANCED CHOICE
- 44% Natural
- 100% Recyclable
- Optimal Indoor Air Quality
- TVOC AT 28 DAYS

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Printed on 100% recycled paper and cardboard - ♻️ recyclable

iQ Optima - 32.42.02.01.05 - 07/11



THE ULTIMATE FLOORING EXPERIENCE

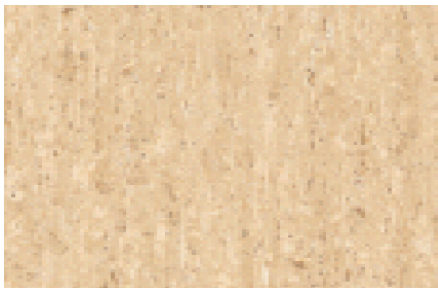
Classic Colours



Compact 3242 862 Compact 3217 862
Acoustic 3076 862



Compact 3242 821 Compact 3217 821
Acoustic 3076 821



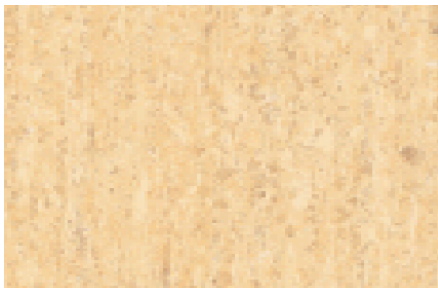
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Acoustic 3076 825



Compact 3242 822 Compact 3217 822



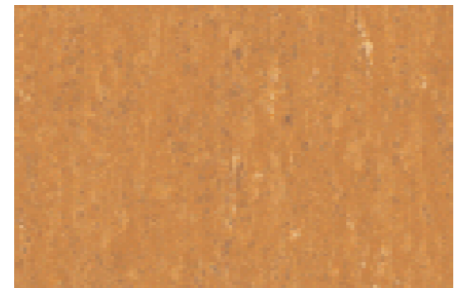
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Compact 3242 829 Compact 3217 829



Compact 3242 831 Compact 3217 831



Compact 3242 867 Compact 3217 867
Acoustic 3076 867



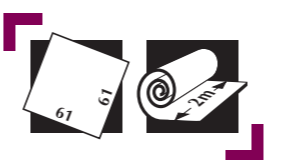
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Compact 3242 828 Compact 3217 828



Classic Colours



Compact 3242 833 Compact 3217 833



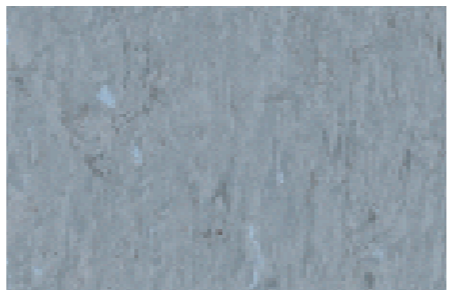
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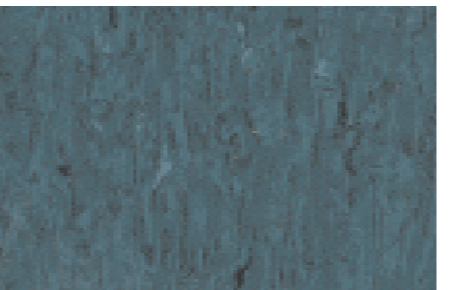
Compact 3242 835 Compact 3217 835



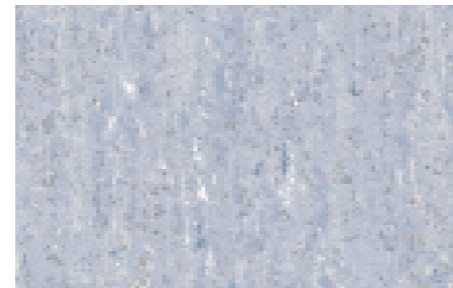
Compact 3242 838 Compact 3217 838
Multisafe 3240 838



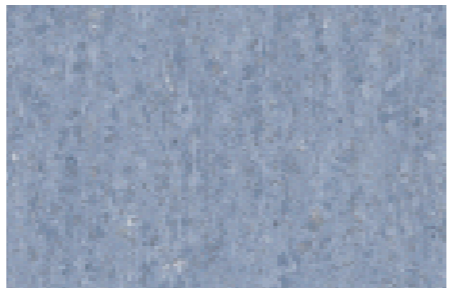
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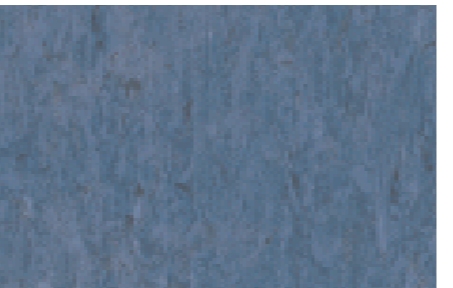
Compact 3242 841 Compact 3217 841



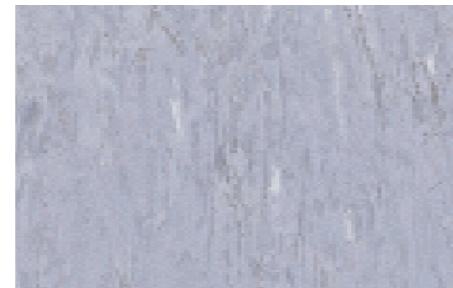
Compact 3242 856 Compact 3217 856
Acoustic 3076 856



Compact 3242 857 Compact 3217 857
Acoustic 3076 857



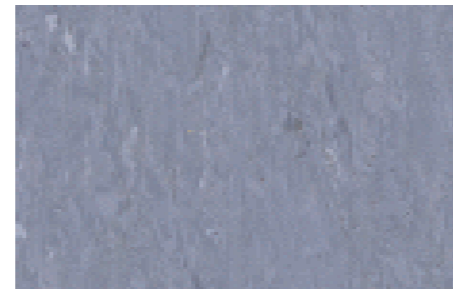
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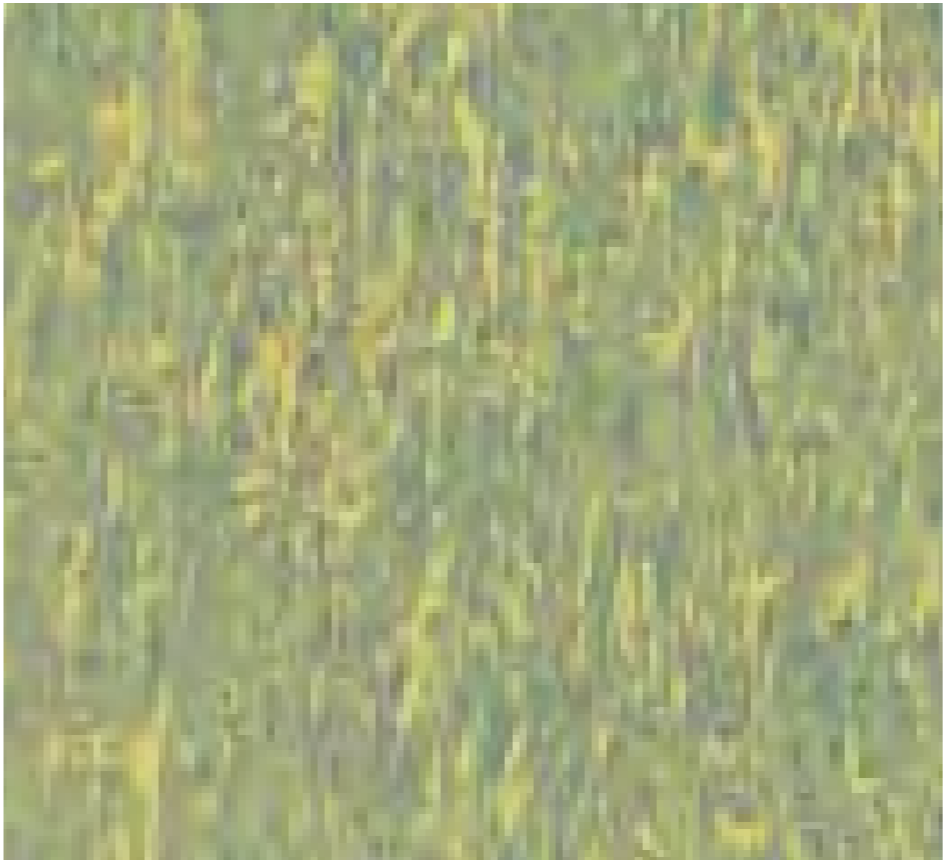


Compact 3242 848 Compact 3217 848
Multisafe 3240 848



Compact 3242 848 Compact 3217 848
Multisafe 3240 848

Combined Colours



Compact 3242 851 Compact 3217 851



Compact 3242 855 Compact 3217 855

Urban Colours



Compact 3242 861 Compact 3217 861
Multisafe 3240 861



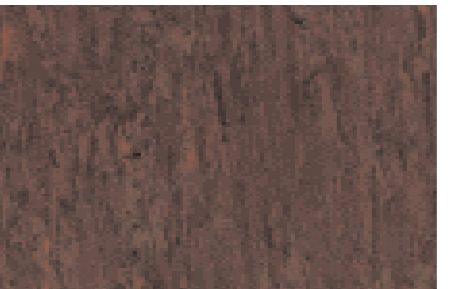
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Acoustic 3076 824



Compact 3242 863 Compact 3217 863
Multisafe 3240 863



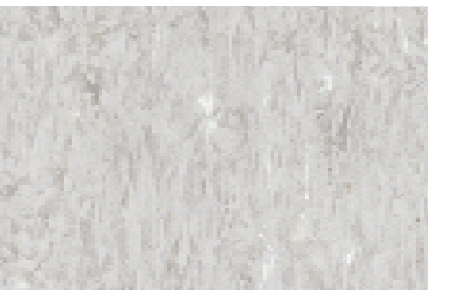
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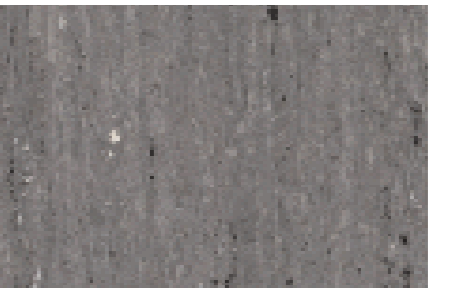
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Compact 3242 872 Compact 3217 872



Compact 3242 853 Compact 3217 853
Acoustic 3076 853 Multisafe 3240 853



Compact 3242 866 Compact 3217 866
Acoustic 3076 866 Multisafe 3240 866



Compact 3242 845 Compact 3217 845
Acoustic 3076 845 Multisafe 3240 845



Compact 3242 886 Compact 3217 886
Multisafe 3240 886



Compact 3242 864 Compact 3217 864



Compact 3242 873 Compact 3217 873
Acoustic 3076 873 Multisafe 3240 873

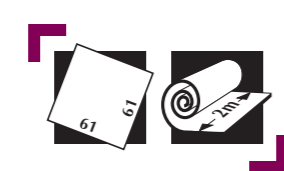


Compact 3242 874 Compact 3217 874
Acoustic 3076 874 Multisafe 3240 874



Compact 3242 875 Compact 3217 875



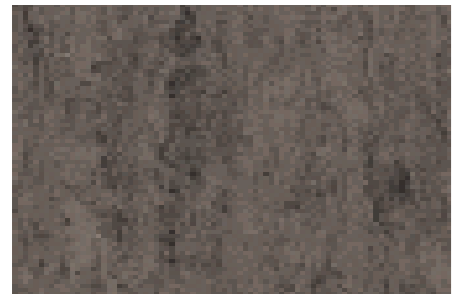


Nature Colours

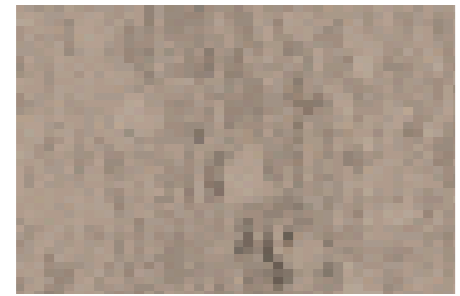


Compact 3242 876 Compact 3217 876

Compact 3242 877 Compact 3217 877



Compact 3242 900 Compact 3217 900



Compact 3242 899 Compact 3217 899



Compact 3242 898 Compact 3217 898



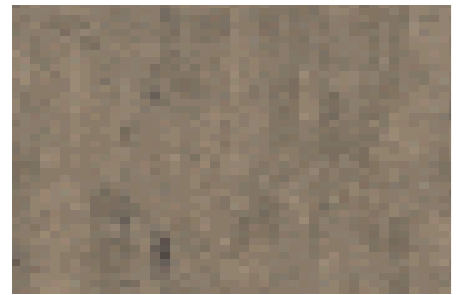
Compact 3242 897 Compact 3217 897



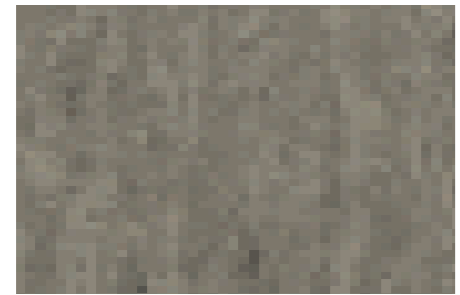
Compact 3242 860 Compact 3217 860
Acoustic 3076 860 Multisafe 3240 860



Compact 3242 836 Compact 3217 836
Acoustic 3076 836



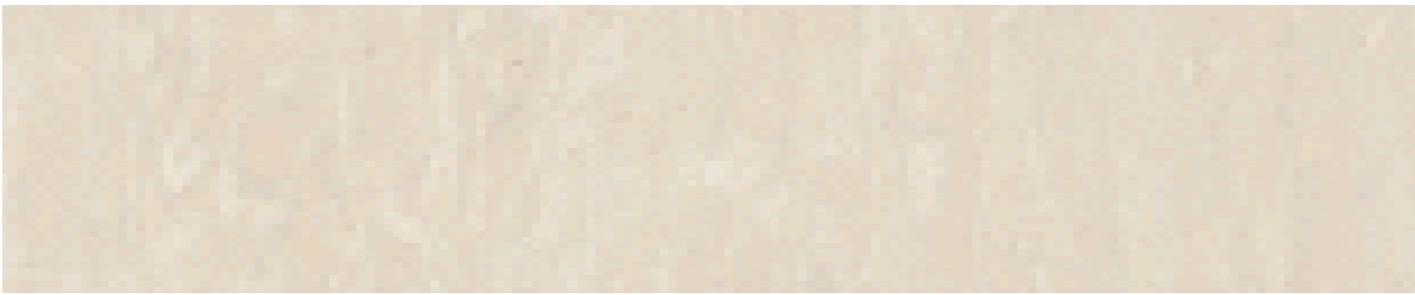
Compact 3242 903 Compact 3217 903



Compact 3242 904 Compact 3217 904



Essence Colours



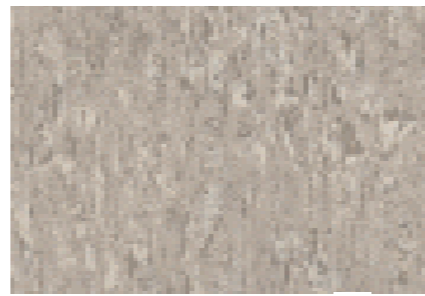
W. E. 3078 952 3079 952 3082 952
Wt E. 3077 952 3080 952



W. E. 3078 960 3079 960 3082 960
Wt E. 3077 960 3080 960



W. E. 3078 957 3079 957 3082 957
Wt E. 3077 957 3080 957



W. E. 3078 953 3079 953 3082 953
Wt E. 3077 953 3080 953



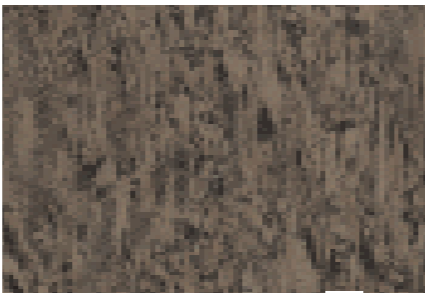
W. E. 3078 961 3079 961 3082 961
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W. E. 3078 958 3079 958 3082 958
Wt E. 3077 958 3080 958



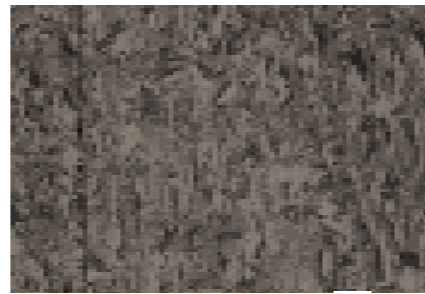
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Wt E. 3077 954 3080 954



W. E. 3078 962 3079 962 3082 962
Wt E. 3077 962 3080 962



W. E. 3078 959 3079 959 3082 959
Wt E. 3077 959 3080 959



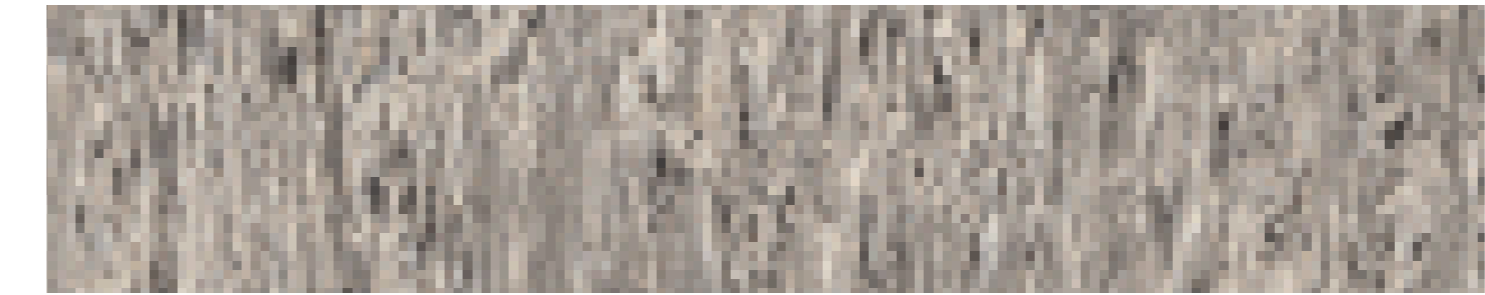
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Wt E. 3077 955 3080 955



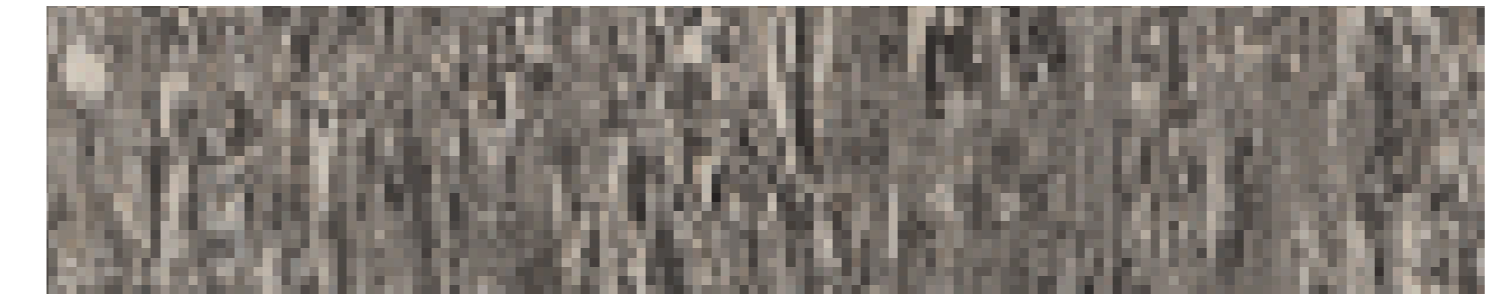
W. E. 3078 956 3079 956 3082 956
Wt E. 3077 956 3080 956



Essence Contrast



With embossing 3078 951 3079 951 3082 951
Without embossing 3077 951 3080 951



With embossing 3078 950 3079 950 3082 950
Without embossing 3077 950 3080 950

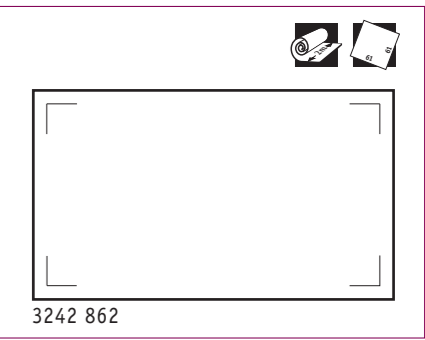
Plank embossing



All over embossing

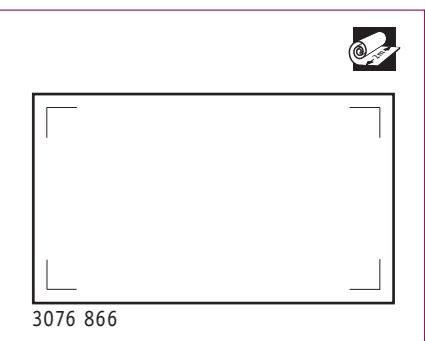
iQ Optima

- > One of the best floorings on the market with a unique directional pattern.
- > A wide range of 64 calm and vivid colours including a combine pattern and an exclusive Essence design that looks and feels like tree bark. The essence design offers 13 colours in rolls, tiles and planks, with embossed or smooth surface.
- > A coordinated range for different needs.
- > It's an iQ – simply the best!



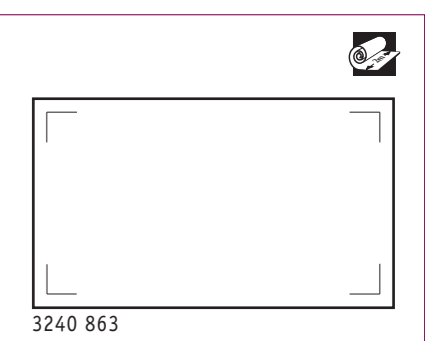
iQ Optima Acoustic

- > 16 dB sound reduction.
- > Combines acoustic properties and better underfoot comfort with all benefits of an iQ flooring.
- > Available in 12 colours.
- > It's an iQ – simply the best!



Optima Multisafe

- > Easy to install, clean and maintain.
- > New studded surface brings a new look to the room as well as perfect safety in wet areas.
- > Available in 12 colours.
- > Part of Tarkett's complete wetroom system.



Multi-colour welding rods

There's a colour and pattern coordinated welding rod for every colour in the iQ Optima, iQ Optima acoustic and Optima Multisafe ranges. With contrasting colour chips that coordinate with the flooring's accent colour and design, the welding rods always provide the perfect finishing touch.



Accessories

- Skirtings play both a functional and decorative role in areas where Optima is fitted. Tarkett offers a wide spectrum of set on wall base solutions.**
- > KS61, S60, S100: With 38 colours these semi flexible skirtings can be used with most colours in the iQ Optima range. Available in PVC with a smooth finish (KS61) or polyolefine coated MDF with a textured surface (S60, S100).
 - > IS60: Strips of iQ Optima can be inserted into this Polyolefine coated MDF skirting support to provide perfect colour matching with the floor covering.
 - > PA 20, PA 30, PAD 8, PAD 10: The PA 20, PA 30 cove formers provide support and added strength at the most vulnerable point between floor and wall and also offer easy maintenance. They are complemented by Cap 1, Cap 2, Cap 3, which protect the exposed edge and provide a perfect finish. PAD 8, PAD 10 are all-in-one flexible skirting solutions incorporating coves and caps. These cove formers are ideal in areas where hygiene is vital, the floor covering itself is used to create the skirting.

iQ Optima – sophisticated design and iQ performance

iQ stands for “Intelligence Quality” and reflects Tarkett’s commitment to providing an intelligence response to customer needs. As part of the iQ range, iQ Optima shares all the qualities of this, **the original** high performance flooring solution which is **simply the best solution** on the homogeneous vinyl market.



With **the widest range** of colours and designs on the market, there’s an iQ format and style for every requirement. It is **the easiest to install**, but and the outstanding finish guarantees satisfaction from a job well done – and since an iQ floor **looks new forever** thanks to unique self regenerating properties, that satisfaction will last a lifetime. **It just takes water** for daily cleaning, and minimal use of chemicals once a week, delivering more environmentally responsible maintenance and with **costs recovered after three years**.

A Unique vinyl flooring with VOC emissions below quantifiable level and Phthalate free

VOC emissions below quantifiable level



Volatile organic compounds (VOCs) are emitted as gases from a range of products including man-made materials such as paints, cleaning materials, adhesives, flooring and furnishings as well as from natural materials like trees, fruits and vegetables. To improve indoor air quality, Tarkett has invested significantly in the research of raw materials and flooring manufacturing processes to reach near zero emission levels. From September 2011 iQ Optima and all Tarkett’s homogeneous vinyl flooring will have VOC emissions below quantifiable level - measuring less than 10 µg/m³ TVOC after 28 days* – thus allowing an optimal indoor air quality in buildings and homes. This illustrates Tarkett’s industry-leading commitment to the environment and a healthier life in living spaces. Tarkett will continue its focus on safer, healthier products to reduce emissions levels across all its product ranges (current values less than 100 µg/m³** for wood, laminate and heterogeneous vinyl ranges and less than 10 µg/m³** for the new homogeneous ranges) ensuring VOC emissions below quantifiable level providing improved indoor air quality and a healthier quality of life.

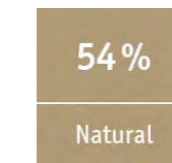
* ISO standards 16000-3/-6/-9/-11 ** TVOC after 28 days

Phthalate free flooring



Tarkett’s eco-innovation constantly improves raw materials used in the production of its vinyl flooring, for example substituting traditional plasticizers with natural polymers or recently developed plasticizers. In 2009, Tarkett introduced iQ Natural which contains a phthalate-free, natural and renewable plasticizer. As of September 2011 Tarkett will substitute the current plasticizer with a new generation of non-phthalate plasticizer in the production of all its homogenous vinyl flooring. Together with our industrial partners, Tarkett will continue to look for alternative plasticizers that are natural or renewable or environmentally friendly in the production of all its vinyl flooring to ensure safer and healthier indoor environments.

NB: Products that include recycled content may still contain small traces for a short period of time. By implementing phthalate-free production such traces will gradually be phased out.



Make your balanced choice

Tarkett’s approach to sustainability is all about giving our customers simple and clear information so they can make the right choice of flooring, balancing their project and budget requirements beside the need for sustainable solutions.

Choose to use better materials – natural and renewable where possible



Select flooring produced with fewer resources



Ensure safer, healthier products that contribute to wellbeing in people-friendly spaces



Reuse and recycle materials through participating in recycling



FROM TIMELESS CLASSICS TO...

iQ Optima is a classic design revisited for today's demand for high performance flooring in colours and styles suited to the widest possible range of environment and ambience.

iQ Optima is a genuine multi-solution, with all the lifetime quality, cost savings and ease of installation and maintenance of the classic iQ range, brought right up to date with new designs and formats and a dazzling collection of over 60 colours.



Classic colours
A range of 24 timeless colours that never go out of style.