

# iQ Surface

HOMOGENEOUS VINYL

A collection  
unlocking  
creativity in  
design and  
architecture.



New perspectives from every angle, a narrative set free by design. A story told well is never forgotten.



## Introducing iQ Surface

iQ surface was imagined by Tarkett to unlock creativity in design and architecture, and truly magnify the potential of one of its most iconic product families, the iQ homogeneous vinyl range.

For this range, Swedish design studio Note was invited to collaborate with Tarkett and develop colour stories with the ability to be combined cohesively according to hue, style or narrative. Each colourway of iQ Surface carries Tarkett's trademark of durability, sustainability quality and ease of installation. A limitless landscape of expressive colour that empowers the designer as much as it does the end user.

# Note design studio

Acclaimed Stockholm-based multi-disciplinary design studio Note was founded in 2008. With a style and design language that is immediately recognisable and impossible to imitate, the collective is at the forefront of Scandinavian design and interior architecture.



Tarkett's installation at Stockholm Furniture & Light Fair 2018, the seed for things to come.



Harmony in material and colour is rare, this is the goal of iQ Surface. A collaboration born from mutual respect between creatives, producer and material.

At the core of the studio is its unique handling of colour and form to create design that is unexpected but always welcoming. A desire to create work that can be enjoyed and appreciated by hardcore design aficionados but also the everyman.

Like all good collectives, each member of Note brings a unique perspective to the projects and output of the studio – a collective intelligence making the studio stronger as a whole.

When Florian Bougault, Tarkett EMEA art director, decided to push this new collection it was obvious to link up with Note as collaborators. The Swedish-based studio shares Tarkett's opinion that homogeneous vinyl has infinite directions for a designer or architect to explore.

A material that's honest and wears its qualities on its sleeve without pretending to be something it's not. A durable material, an adaptable material and, above all, a storyteller. The resulting collection is a true demonstration of why Tarkett iQ Surface is a material to be reckoned with on so many levels.

# Surface Matters



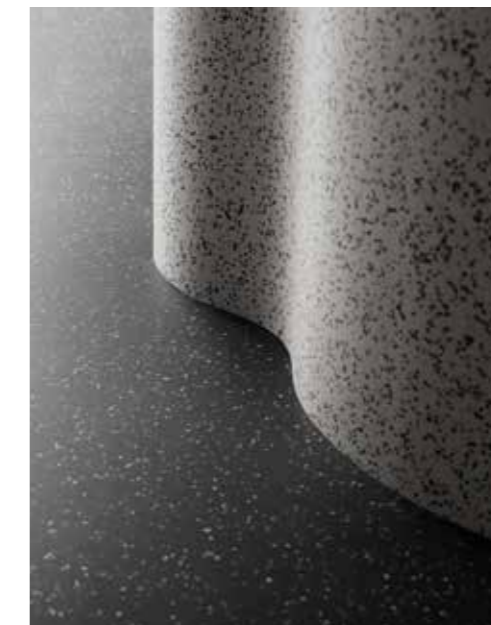
When it comes to design and architecture a good material is a versatile material. Concrete, wood and even vinyl, all capable of adapting to multiple uses and innovative applications.

In the case of vinyl, a designer or architect holds a versatile, hard-wearing surface, made for the toughest of environments. Tarkett has been innovating the creative use of vinyl since 1947, from its beginnings as flooring to where it is today—a highly creative design tool with strong environmental credentials.

iQ Surface has all the cutting-edge innovation of Tarkett configured towards the most creative of applications. At just 2mm thick, it carries the lifelong performance of Tarkett homogeneous vinyl and is able to withstand decades of constant use without diminishing in its appearance. Should it be needed, a quick dry-buff is all that's required to bring back its colour.

Yet it's also a flexible, creative material equally at home wrapping around objects, climbing across walls, forming patterns in combinations.

The iQ Surface collection wants to be used and experimented with; its new colourways invite combinations of tonal hue or poppy accents. A veritable designer's playground.



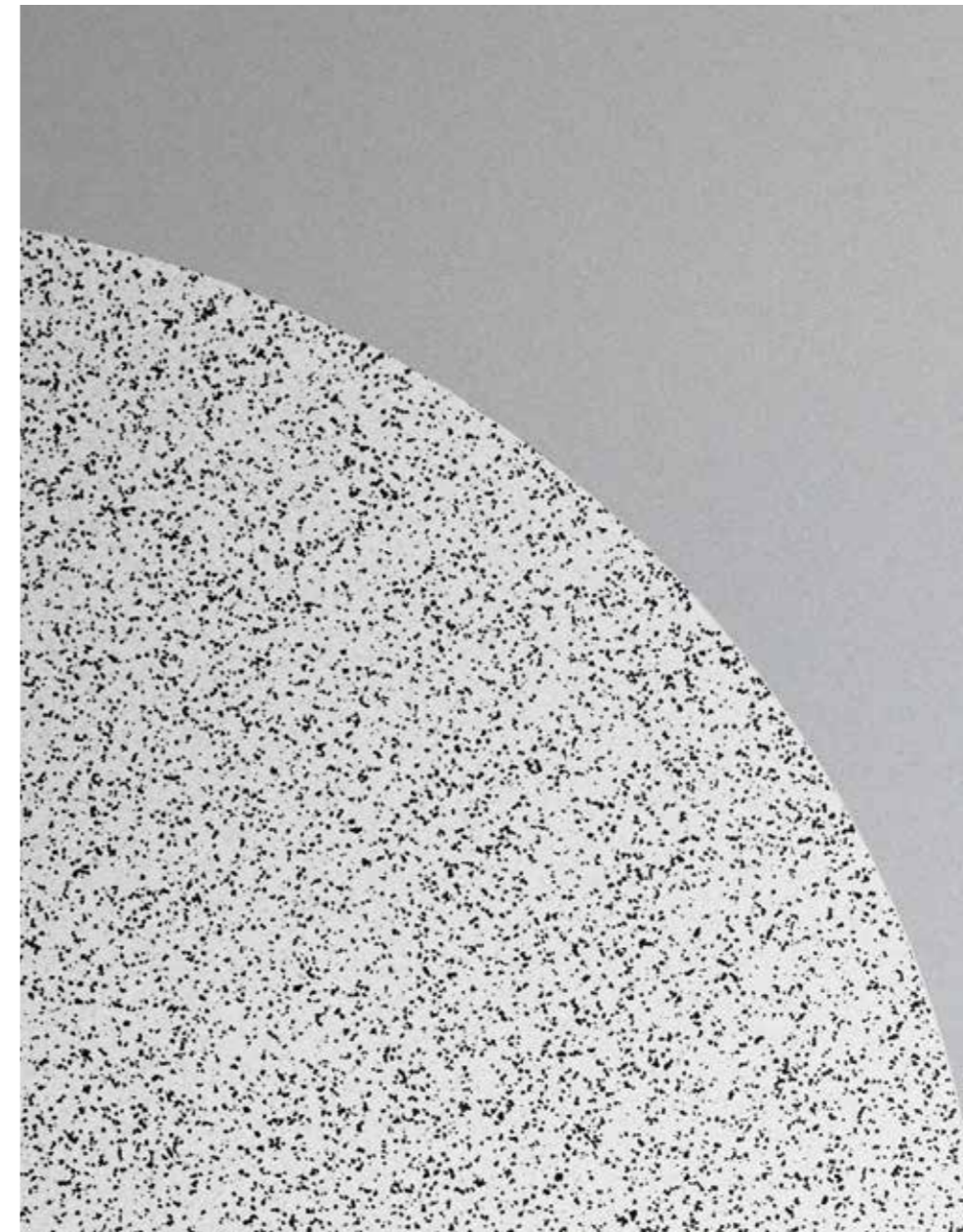
As a whole, the iQ Surface collection is an innovative tool that empowers any designer or architect. A world where creativity is enhanced by the material and its potential.

# New for Life



One of the most celebrated attributes of a homogeneous product is its ability to be renovated back to its original form with regular 'dry-buffing' – it ensures a continuous smooth, resistant and hard wearing surface. The homogeneous construction of iQ allows it to be dry-buffed for the true life of the product without any need for chemicals.

"The way iQ Surface is constructed means that a designer or architect's vision will hold its aesthetic power regardless of how much it gets used. Very few materials are available to a designer today in which this is the case. That's what makes Tarkett's newest collection so special, it's true beauty is something that becomes clear after you've installed it,"  
Per Sternegård, product manager, Tarkett.



Honest and durable, one of the unique features of iQ Surface is that its colour and aesthetic qualities remain consistent for decades.

# The Good Future



Tarkett's advanced techniques for recycling allows waste material to be used in such a way that the performance and aesthetics of a product are unaffected by the recycled content. That is true upcycling.

ReStart is Tarkett's programme for the collection of post-use homogeneous vinyl flooring, trimmings, offcuts and other waste from floor installations. Between 2010 and 2018, more than 102 000 tonnes of flooring (including vinyl, linoleum and carpet) have been collected worldwide.

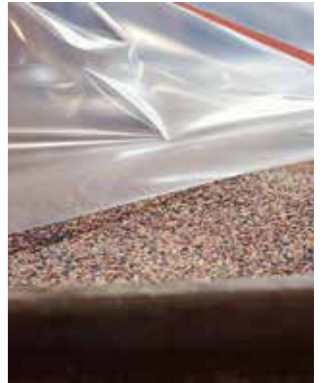
The iQ Surface collection is a homogeneous vinyl made from small granules of vinyl, phthalate-free plasticiser and a carefully selected blend of mineral fillers. It's an extremely tough, resilient industrial material with a uniform surface that measures just 2mm in thickness.

With vinyl as its primary ingredient, Tarkett is able to replace a proportion of virgin material with recycled material from production, post-use homogeneous vinyl flooring and installation waste, collected as part of its self-initiated 'take-back' programme, ReStart.

To enable its customers to recycle discarded vinyl floors, Tarkett is currently conducting a post-use recycling pilot project in the Nordic countries. With this aim, Tarkett recently developed an innovative technical solution in Sweden enabling its torn out homogeneous vinyl floors (made from 2011 and onwards) to be cleaned from glue and concrete residues, and turned into vinyl of the same quality as vinyl made from virgin raw materials. A progressive step forward towards a fossil-free world, this means that iQ Surface can be installed, used for decades and then turned straight back into a new homogeneous vinyl floor.

iQ Surface is developed with the circular economy in mind. The raw materials are carefully selected from a health and environmental perspective and its basic vinyl-polymer has excellent recycling properties. Furthermore, iQ Surface has extremely low VOC emissions contributing to optimal indoor air quality and is 100% phthalate free for a healthier indoor environment. A true plug'n'play material with a conscious soul.

# A Swedish Legacy



Vinyl granules at Tarkett's Ronneby facility, the base of iQ Surface.



Ronneby, Sweden, lies at the heart of vinyl flooring innovation. It's from here that Tarkett has been exporting its vinyl solutions to designers, architects and developers since 1947. The roots of the iQ Surface collection lie in this town, in a place where technical performance, toughness but also elegance are forged together harmoniously.

Tarkett's homogeneous vinyl is a very Swedish solution and, like other iconic solutions from Scandinavia, its form has historically been led by its function.

The new iQ Surface collection has emerged through the collaboration of Tarkett and Note; the Swedish design studio whose work is typified by an equal fusion of form and function.

The collection's five colour stories unlock vast creative opportunities that take full advantage of homogeneous vinyl's resilient, hardwearing properties that lend themselves so well to design and architecture.

Tarkett and Note have imagined a collection that can be combined infinitely, be it with other materials like steel, wood or glass but also colourways that can be combined effortlessly with one another.

Each colour story has a range of tones and brightness levels to captivate a designer and, in turn, the viewer. And the entire iQ Surface collection can be bought into a design not only as flooring but also on walls or structures. It's another landmark for a material that began its life in Sweden yet is enjoyed across the world.



# Collection Contrast

A play on monotone scales.  
Contrasts of light and dark in  
equal measure with a depth that  
draws the eye.



"The first time we've worked with a project where the colour scheme and colour collection is the product.  
With iQ Surface, we're creating individual items that need to work together as a part of a collection."  
My Degerth, Note.





With its elegant and warm reds, and a youthful expression, Rouge is a soft, playful collection that contrasts well with rougher materials like raw metal.

# Collection Rouge



"Every colourway has the potential to be a hero element of a space, or product or project. It's this versatility of the iQ Surface design that's most appealing to a designer. And it's worth remembering that the collection as a whole is yours to play with, to go outside of these stories and not feel constrained by any particular grouping. iQ Surface is a family that really wants to live out a story together."  
Charlotte Ackemar, Note.

# Collection Sober

A real sense of maturity and class, Sober features timeless blue tones with greys and beige making it vibrant but uncluttered. A couture surface collection.



"During the curation of iQ Surface's colours and groupings we've always had a central idea of these collections acting as a 'skin'. A cladding that you can dress the whole room. It's a material that deserves to fill a space, you can do so much with it. For us at Note, it shouldn't just be about flooring."  
My Degerth, Note.



Misty greens and teals reference nature indirectly. Dimmed is a great colour foundation to spring from, with a solid calm range of colours.

## Collection Dimmed



"We didn't want to just have a monotone surface. With more colours in a single colourway it makes it easier to combine different elements from the entire collection. There will always be a coherent family feeling across all five stories as part of the DNA of the design. But what's great is to be able to explore a new way of using the techniques developed by Tarkett in Ronneby to do something new."  
My Degerth, Note.

# Collection Vivid

Sharp tonal reds and contemporary colour combinations provide a bold palette to work with. Fresh, vibrant contrasts but never overwhelming.



At Note, we don't like fake. The iQ Surface collection is not trying to reference something that it is not. It is a product based on polymers and artificial raw materials but still designed by humans. When you look at it, that's what you see; it's an honest material."

Charlotte Ackemar, Note

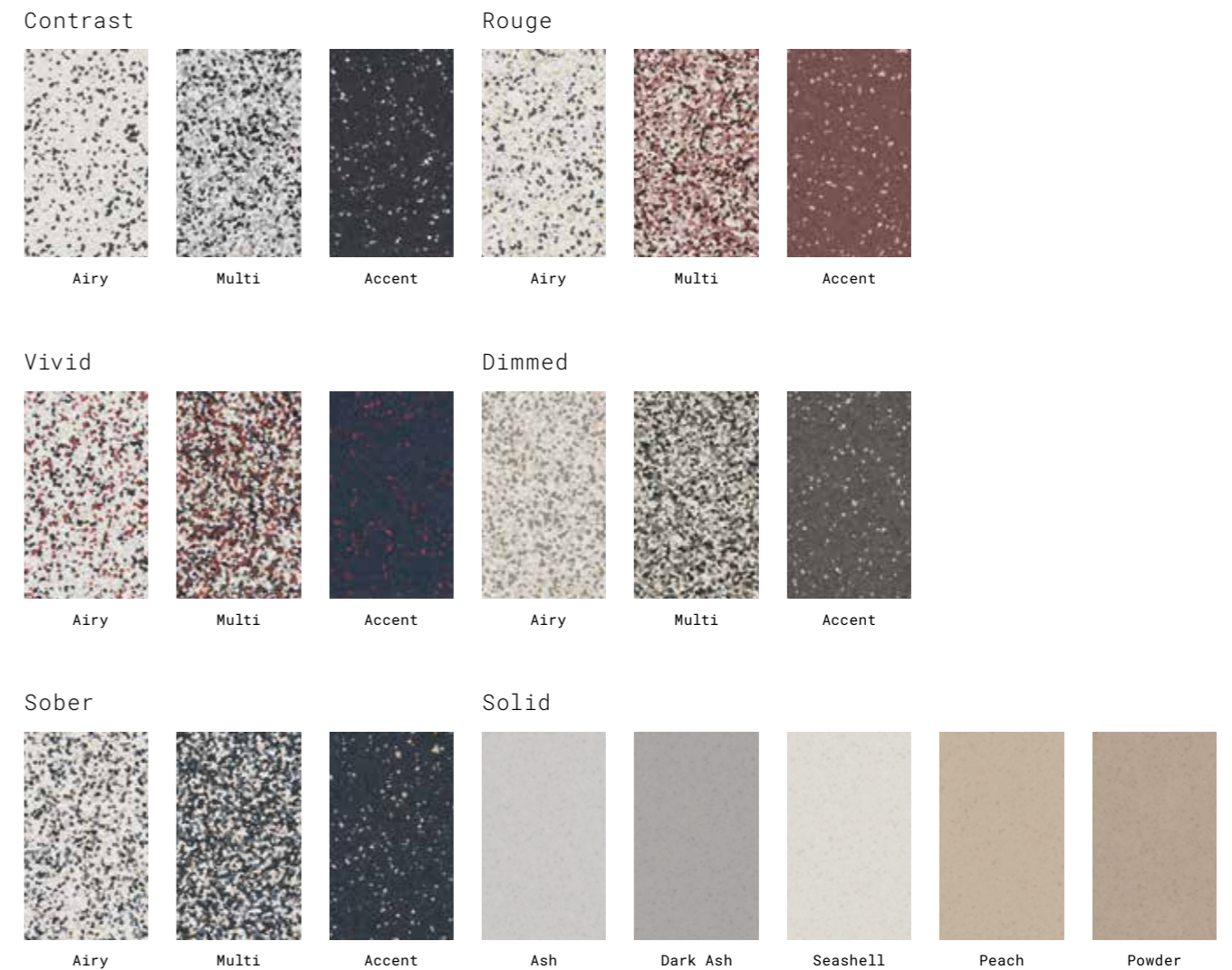
# iQ Surface

Range / Design	Colour name	Rolls 2m x 23m	Tiles 61 x 61cm	NCS	LRV	NCS Lightness	Welding rods	Welding rods Colour name	Welding rods Code	Welding rods NCS
Contrast	Contrast Airy	21089 083	21091 083	NCS S 1500-N	63%	0,79	Master	White Grey	1287728	1002-Y50R
Contrast	Contrast Multi	21089 084	21091 084	NCS S 3000-N	45%	0,64	Master	Grey	1287322	2002-Y50R
Contrast	Contrast Accent	21089 162	21 091 162	NCS S 8502-B	8%	0,18	Master	Black	1291845	8005-R80B
Contrast							Accent	Coral	1287893	1070-Y90R
Contrast							Accent	Medium Green	1287294	6005-G80Y
Contrast							Accent	Dark Burgundy	1287365	7010-R10B
Rouge	Rouge Airy	21089 074	21091 074	NCS S 1505-Y50R	60%	0,78	Master	Light Beige	1291809	1002-Y50R
Rouge	Rouge Multi	21089 080	21091 080	NCS S 3020-Y80R	37%	0,55	Master	Red	1289006	4030-Y90R
Rouge	Rouge Accent	21089 163	21 091 163	NCS S 6020-Y90R	13%	0,29	Master	Medium Burgundy	1287925	6020-Y90R
Rouge							Accent	Nude Beige	1294304	1515-Y60R
Rouge							Accent	Camel	1291363	3020-Y40R
Rouge							Accent	Dark Burgundy	1287365	7010-R10B
Vivid	Vivid Airy	21089 089	21091 089	NCS S 2502-R	52%	0,69	Master	Light Grey	1287770	1500-N
Vivid	Vivid Multi	21 089 090	21091 090	NCS S 4010-Y70R	33%	0,50	Master	Red	1289057	3060-Y90R
Vivid	Vivid Accent	21089 181	21091 181	NCS S 8010-R90B	6%	0,14	Master	Deep Blue	1287929	8010-R90B
Vivid							Accent	Coral	1287893	1070-Y90R
Vivid							Accent	Nude Beige	1294304	1515-Y60R
Vivid							Accent	Camel	1291363	3020-Y40R
Dimmed	Dimmed Airy	21089 085	21091 085	NCS S 2005-Y50R	57%	0,76	Master	Green White	1287779	1502-Y50R
Dimmed	Dimmed Multi	21089 086	21091 086	NCS S 3502-Y	36%	0,54	Master	Medium Green	1287294	6005-G80Y
Dimmed	Dimmed Accent	21089 164	21091 164	NCS S 7502-Y	12%	0,27	Master	Dark Brown	1287526	7502-Y
Dimmed							Accent	Darker Green	1287474	8000-N
Dimmed							Accent	Nude Beige	1294304	1515-Y60R
Dimmed							Accent	Camel	1291363	3020-Y40R
Sober	Sober Airy	21089 087	21091 087	NCS S 2005-Y70R	54%	0,70	Master	Light Beige	1291809	1002-Y50R
Sober	Sober Multi	21089 088	21091 088	NCS S 4005-B20G	30%	0,46	Master	Grey Green	1287677	6010-B30G
Sober	Sober Accent	21089 165	21091 165	NCS S 8010-B10G	7%	0,17	Master	Night blue	1287927	8005-B20G
Sober							Accent	Camel	1291363	3020-Y40R
Sober							Accent	Nude Beige	1294304	1515-Y60R
Sober							Accent	Medium Burgundy	1287925	6020-Y90R
Solid	Solid Seashell	21089 092	21091 092	NCS S 1002-Y50R	74%	0,89	Master	White	1287697	1002-Y
Solid	Solid Ash	21089 091	21091 091	NCS S 2002-R	55%	0,77	Master	Grey White	1287446	2000-N
Solid	Solid Peach	21089 093	21091 093	NCS S 2010-Y40R	51%	0,75	Master	Peach	1287930	2010-Y50R
Solid	Solid Dark Ash	21089 094	21 091 094	NCS S 3500-N	39%	0,64	Master	Grey	1287781	4000-N
Solid	Solid Powder	21089 095	21091 095	NCS S 3010-Y50R	41%	0,66	Master	Powder	1287931	3010-Y60R

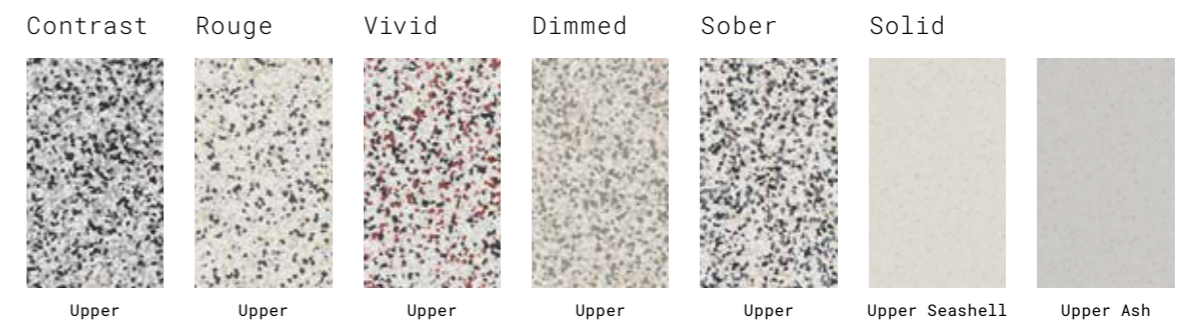
# Surface Wall

Range / Design	Colour name	Rolls 2m x 23m	Tiles 61 x 61cm	NCS	LRV	NCS Lightness	Welding rods	Welding rods Colour name	Welding rods Code	Welding rods NCS
Contrast	Contrast Upper	21090 815	-	NCS S 3000-N	45%	0,64	Master	Grey	1287322	2002-Y50R
Rouge	Rouge Upper	21090 387	-	NCS S 1505-Y50R	60%	0,78	Master	Light Beige	1291809	1002-Y50R
Vivid	Vivid Upper	21090 389	-	NCS S 2502-R	52%	0,69	Master	Light Grey	1287770	1500-N
Dimmed	Dimmed Upper	21090 388	-	NCS S 2005-Y50R	57%	0,76	Master	Green White	1287779	1502-Y50R
Sober	Sober Upper	21090 386	-	NCS S 2005-Y70R	54%	0,70	Master	Light Beige	1291809	1002-Y50R
Solid	Solid Upper Seashell	21090 813	-	NCS S 1002-Y50R	74%	0,89	Master	White	1287697	1002-Y
Solid	Solid Upper Ash	21090 812	-	NCS S 2002-R	55%	0,77	Master	Grey White	1287446	2000-N

# iQ Surface colours



# Surface Wall colours



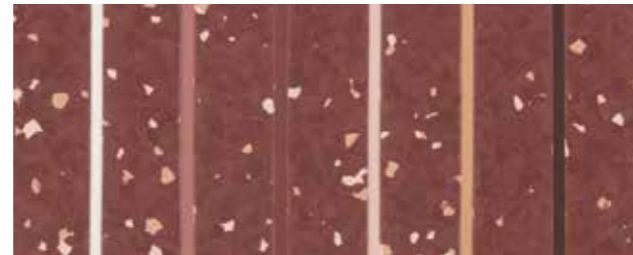
# Designing with welding rods

## STANDING OUT WITH COLOR MIX AND MATCH

Alike the iQ Surface collection, the welding rod selection has been designed to mix and match patterns and color families. Creating highlights can be easily done by cross-matching welding rod colors within an iQ Surface color collection. Either by choosing one of the 20 Master colours mentioned above, or one of the 5 additional colors that were defined to further create highlights (Coral, Nude Beige, Camel, Darker Green and Dark Burgundy) referring to Accent colours on the table page 24.



**Contrast Accent**  
On the left - 3 blending welding rods with White Grey, Grey, Black  
On the right - 3 highlights with Coral, Medium Green and Dark Burgundy



**Rouge Accent**  
On the left - 3 blending welding rods with Light Beige, Red, Medium Burgundy  
On the right - 3 highlights with Nude Beige, Camel and Dark Burgundy



**Dimned Airy**  
On the left - 3 blending welding rods with Green White, Medium Green, Dark Brown  
On the right - 3 highlights with Darker Green, Nude Beige and Camel



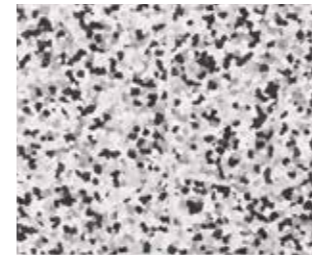
**Vivid Airy**  
On the left - 3 blending welding rods with Light Grey, Red, Deep Blue  
On the right - 3 highlights with Coral, Nude Beige and Camel



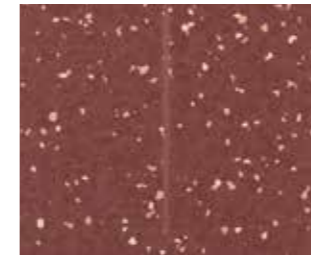
**Sober Multi**  
On the left - 3 blending welding rods with Light Beige, Grey Green, Night Blue  
On the right - 3 highlights with Camel, Nude Beige, and Medium Burgundy

## BLENDING IN

Welding rods are vinyl extruded threads to be used to join two separate sheets of iQ vinyl material, for floors, walls or furniture, and by tradition it is common practice to use rods that blend into the surface material. The listing of best matching welding rod (20 Master references, one for each iQ Surface colour) can be found on the table page 24.



Contrast Multi with blending welding rod Grey



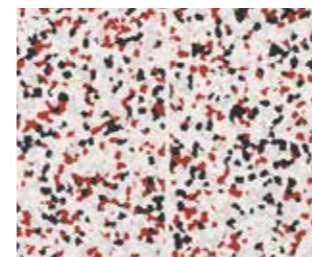
Rouge Accent with blending welding rod Medium Burgundy



Sober Multi with blending welding rod Grey Green



Dimned Airy with blending welding rod Green White



Vivid Airy with blending welding rod Light Grey

# iQ Surface

## TECHNICAL DATA

CERTIFICATION & CLASSIFICATION	STANDARDS	iQ Surface	Surface Wall
<b>Type of floor covering</b>	ISO 10581	Homogeneous single layered vinyl flooring.	-
<b>Binder Content</b>	ISO 10581	Type I	-
<b>Type of wall covering</b>	EN 259-1	-	Homogeneous vinyl wall covering.
<b>CE certification</b>	EN 14041	Yes	-
	EN 15102	-	Yes
<b>Classification</b>	ISO 10874	Commercial: 34 Industrial: 43	-
	TECHNICAL CHARACTERISTICS	STANDARDS	iQ Surface
<b>Surface treatment</b>		iQ PUR	PU-Shield
<b>Total thickness</b>	ISO 24346	2.0 mm	2.0 mm
<b>Wear layer thickness</b>	ISO 24340	2.0 mm	2.0 mm
<b>Total weight/m<sup>2</sup></b>	ISO 23997	2800 g	3400 g
<b>Form of delivery</b>	ISO 24341 – EN 426 Sheet (rolls)	Approx. 23 running metres x 200 cm Art. no. 21089_--- 3 digit colour colour number	Approx. 23 running metres x 200 cm Art. no. 21090_--- 3 digit colour colour number
	ISO 24342 – EN 427 Tiles (box)	61.0 x 61.0 cm – 14 tiles/box = 5.21 m <sup>2</sup> Art. no. 21091_--- 3 digit colour colour number	-
TECHNICAL PERFORMANCES	STANDARDS	iQ Surface	Surface Wall
<b>Reaction to fire</b>	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	Class Bfl s1 ≥ 8 kW/m <sup>2</sup> Pass	-
	EN 13501-1 AS/NZS 3837	-	Class B s2 d0 Class B
<b>Total VOC emissions</b>	ISO 16000-6	≤ 10 µg/m <sup>3</sup> (after 28 days)	≤ 10 µg/m <sup>3</sup> (after 28 days)
<b>Airborne particle emissions</b>	ISO 14644-1	ISO class 4	ISO class 4
<b>Chemical resistance</b>	ISO 26987	Excellent	Excellent
<b>Slip resistance</b>	DIN 51130 EN 13893 BS 7976-2	R9 ≥ 0.3 Low risk of slip	-
<b>Wet room approval</b>	EN 13553 Annex A Wetroom test GBR Class VT	Watertight	Approved
<b>Residual indentation</b>	ISO 24343-1	Required value: ≤ 0.10 mm Best measured value: 0.02 mm	-
<b>Dimensional stability</b>	ISO 23999	≤ 0.40 % for rolls ≤ 0.25 % for tiles	≤ 0.40 %
<b>Castor chair test</b>	ISO 4918	Suitable	-
<b>Flexibility</b>	ISO 24344	Pass	Pass
<b>Static electrical discharge</b>	EN 1815	< 2 kV	-
<b>Underfloor heating</b>		Suitable – max 27°C	-
<b>Thermal resistance</b>	EN 12667	Approx. 0.01 m <sup>2</sup> K/W	-
<b>Light fastness</b>	EN ISO 105-B02	≥ level 7	≥ level 7
<b>Bacteria resistance</b>	ISO 846:Part C	Does not favour growth	Does not favour growth
<b>Seam strength</b>	EN 684	Average value: ≥ 400 N/50 mm	Average value: ≥ 400 N/50 mm
<b>Colours</b>		20	7

The above information is subject to modification for the benefit of further improvement (02/2019). Tarkett's instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions.

iQ Surface



Surface Wall



# iQ Surface

## TENDER SPECIFICATION

### iQ Surface

The selected homogeneous flooring similar to iQ Surface belongs to the compact vinyl floors category under the ISO standard 15081, available in 2m wide sheet with a Binder Content of Type I and a thickness of 2 mm.

The product formulation does not contain phthalate based plasticizer. The product is a pressed homogeneous vinyl flooring and contains over 25% of recycled material.

Unlike other solutions, iQ's offers class-leading performance FOR LIFE. The homogenous structure means it can be dry buffed to provide the smooth, resilient surface needed for maximum hygiene and resistance to chemicals or staining in sensitive environments.

Welding rods are available in a range of contrasting colours coordinated with flooring pattern designs to ensure a perfect finish.

Its emission rate of volatile organic compounds in air is very low, measured after 28 days according to EN 16516 standard. Close to zero emission (quantification limit), TVOC, TSVOC and formaldehyde emissions are below than 10 µg/m<sup>3</sup>.

It is free of formaldehyde and 100% REACH compliant.

It is 100% recyclable and installation off-cuts can be collected and recycled in the products through the Tarkett ReStart® program.

iQ Surface comes with a 10 Year Warranty.

### REASONS FOR CHOOSING iQ SURFACE

- ✓ 100% Phthalate Free
- ✓ Zero formaldehyde
- ✓ 100% recyclable
- ✓ Test reports and certificates available upon request

### Surface Wall

The selected homogeneous wall covering similar to Surface Wall belongs to the EN standard 259-1, available in 2m wide sheet and a thickness of 2 mm.

The product formulation does not contain phthalate based plasticizer. The product is a pressed homogeneous vinyl wall and contains over 25% of recycled material.

The product is reinforced with a UV photo crosslinked polyurethane, PU-Shield, which provides maximum resistance to chemicals or staining in sensitive environments.

Welding rods are available in a range of contrasting colours coordinated with wall pattern designs to ensure a perfect finish.

Its emission rate of volatile organic compounds in air is very low, measured after 28 days according to EN 16516 standard. Close to zero emission (quantification limit), TVOC, TSVOC and formaldehyde emissions are below than 10 µg/m<sup>3</sup>.

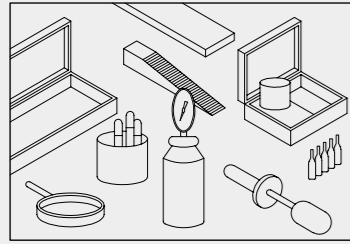
It is free of formaldehyde and 100% REACH compliant.

It is 100% recyclable and installation off-cuts can be collected and recycled in the products through the Tarkett ReStart® program.

Surface Wall comes with a 10 Year Warranty.

- ✓ Optimal indoor air quality
- ✓ TVOC <10µg/m<sup>3</sup> after 28 days
- ✓ FloorScore® certification (pending)
- ✓ ISO 14001 certified production site
- ✓ REACH Compliant and CE Marking

# iQ Surface INSTALLATION GUIDE



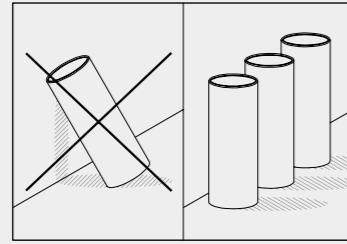
## 1. SUBFLOOR CONTROL

- The subfloor must be clean, hard, flat and free from all types of marks, debris & residues, and not exposed to humidity.
- Damp proofing to be carried out according to local building standards.
- When installing this product on concrete subfloors that do not include damp-proofing, the moisture content measured in terms of relative humidity must not be higher than 85% (in UK and Ireland 75% according to BS 8203). Or less than 2% with CM (Carbide Method).
- Refer to local standards for detailed rules and control methods.
- Stop underfloor heating for minimum 48h before installation and maintain the temperature in the room with an alternative heating source. Remain turned off for 6-7 days and then ramped up.



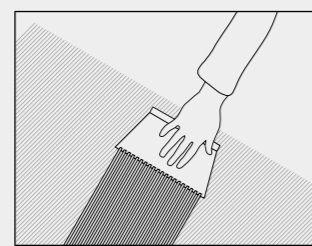
## 4. HOT WELDING

- The sheets are hot welded. Do not weld until the adhesive has bonded completely, wait 24-48h. The joints are chamfered or grooved to about 3/4 of the thickness using a hand grooving tool or machine prior to welding.
- Weld with hot-air and Tarkett Speed Welding Nozzle. Welded seams must cool to room temperature before trimming in two steps, rough and fine trimming.



## 2. BEFORE INSTALLATION

- Store the rolls upright in a safe position with distance between the rolls.
- Prior to laying, allow the material, adhesive and subfloor to reach room temperature, i.e. a temperature of at least 15°C. The relative air humidity should be 30-60%. Rolls must be stored indoors at least 24 hours before installation, preferable 48 hours.
- Installation should be carried out at room temperature between 18°C to 26°C. Subfloor temperature must be at least 15°C. The relative air humidity in the premises should be 35-65%. Maintain same temperature and humidity for at least 72 hours after installation.
- If material from several rolls is used, they should have the same manufacturing serial numbers and be used in consecutive order.

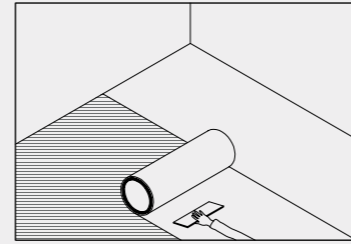


## 5. AFTER INSTALLATION

- Always protect the floor with thick paper, hard board or similar during the construction period. If using tape, this must not be applied directly to the floor surface.

### IMPORTANT!

Restrict foot traffic for 24 hours after installation. No heavy traffic, rolling loads or furniture placement for 72 hours after installation. Most suppliers of floor adhesives specify 72 hours before the final strength is achieved.



## 3. ROLLS INSTALLATION

- Cut the sheets to length and lay them out to acclimatise and relax prior to installation. This is particularly important for longer lengths.
- Sheets must be installed so that colour differences are avoided. Reverse sheets whenever possible, overlap and cut edges.
- The sheets are fully adhered with an adhesive approved for Tarkett's homogeneous vinyl sheet, spatula A1/A2. See the adhesive manufacturer's instruction regarding coverage, open time etc. Example of suitable adhesives can be found at professionals. [tarkett.com](http://tarkett.com)
- Rub the face surface down thoroughly to ensure that the floor covering makes good contact with the adhesive and that all air is expelled. Make sure that the tool used for rubbing down the floor covering does not scratch the surface. A broom is not suitable for this purpose. Use a floor roller (approx. 65 kg) and roll crosswise over the floor.



# Surface Wall INSTALLATION GUIDE

## CONDITIONS AND REQUIREMENTS

- Application can be done to smooth, dry, clean, sound walls of concrete, plaster, hardboard, plywood and fibreboard. Board material must be firmly fixed to avoid moving or warping, as only one side is covered. Boards and similar substrates should have a moisture content of 8% (equivalent to 40% RH at 20° C).
- Concrete and plaster must have a relative humidity level of less than 85% RH (in UK and Ireland 75% according to BS 8203). The wall surface must be strongly enough bonded to take the weight of the material.
- A concrete or cement wall must normally be levelled of using a water-resistant filler/levelling compound to achieve a smooth and sound surface suitable for gluing.
- Do not install on walls painted with oil paints.

## PREPARATION

- Dust and loose particles must be thoroughly removed. Highly absorbent or variably absorbent substrates should be sealed with suitable primer.
- When applying smoothing compounds, use compounds that meet the minimum requirements in the building standards. NOTE: Discolouration can occur when using two-parts polyester compounds if they are mixed incorrectly and/or insufficiently. Do not mix directly on the substrate.
- Use only a lead pencil for marking.
- If material from several rolls is used, they should have the same manufacturing serial numbers and be used in consecutive order.
- Prior to laying, allow the material, adhesive and subfloor to reach room temperature, i.e. a temperature of at least 18°C. The relative air humidity should be 30-60%. Rolls must be stored indoors at least 24 hours before installation, preferable 48 hours.
- The rolls should be stored on an even surface. Any faults in the material must be reported immediately to your nearest sales office. Always quote the colour and roll numbers, which are stated on the label.

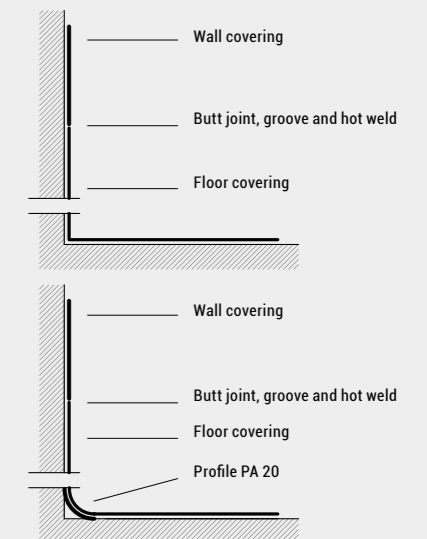
## INSTALLATION

- Installation should be carried out at room temperature between 18°C to 26°C. The relative air humidity in the premises should be 35-65%. Maintain same temperature and humidity for at least 72 hours after installation.
- Cut the sheets to length and lay them out to acclimatise and relax prior to installation. This is particularly important for longer lengths.
- The sheets are fully adhered with an adhesive approved for Tarkett's homogeneous vinyl sheet, spatula A4+roll. See the adhesive manufacturer's instruction regarding coverage, open time etc. Example of suitable adhesives can be found at professionals. [tarkett.com](http://tarkett.com)
- The assembly time depends on the type of substrate, its absorbency, the temperature and air humidity in the premises. The adhesive must be tacky enough to secure the position after assembling and at the same time wet enough to secure the over-wetting and bonding of adhesive to the backing of the material.
- Sheets must be installed so that colour differences are avoided. Reverse sheets whenever possible, overlap and cut edges if needed.
- Install horizontally or vertically with or without covings



## JUNCTION WITH THE FLOORCOVERING

- In case of cove forming (minimum 10 cm high): hot weld wallcovering and floorcovering together.
- If not: install a skirting (see accessories KS61, KS80 and KS100).



- The sheets are hot welded. Do not weld until the adhesive has bonded completely, wait 24-48h. The joints are chamfered or grooved to about 3/4 of the thickness using a hand grooving tool. Weld with hot-air and Tarkett Speed Welding Nozzle. Welded seams must cool to room temperature before trimming in two steps, rough and fine trimming.



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