

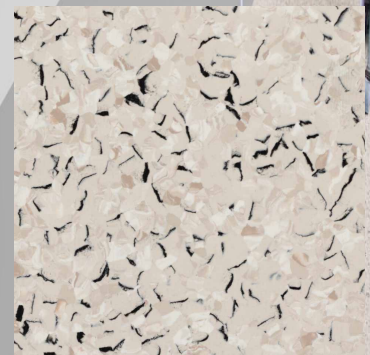


STATIC CONDUCTIVE  
VINYL FLOORING

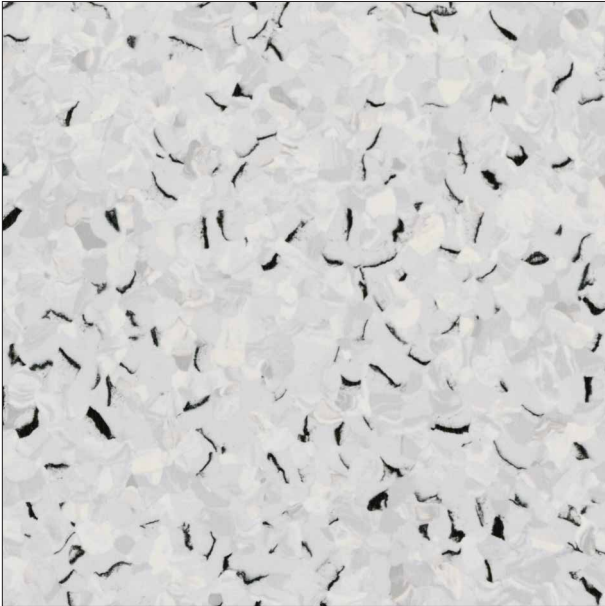
## iQ Toro SC PUR



- > Static Control floorings for highly technical areas
- > **iQ PUR** for durable and easy to maintain floors :  
**No Wax, No Polish**
- > Dissipative and conductive solution combined with highest environmental performance
- > Fully matching colour range: perfect combination of design and technique
- > **Specially developed for Operation Theatre & X-Ray Rooms**

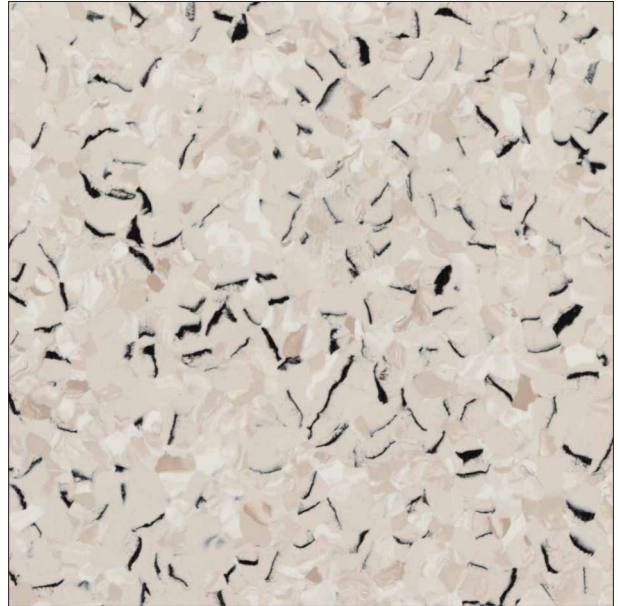






3093 100

Light Grey



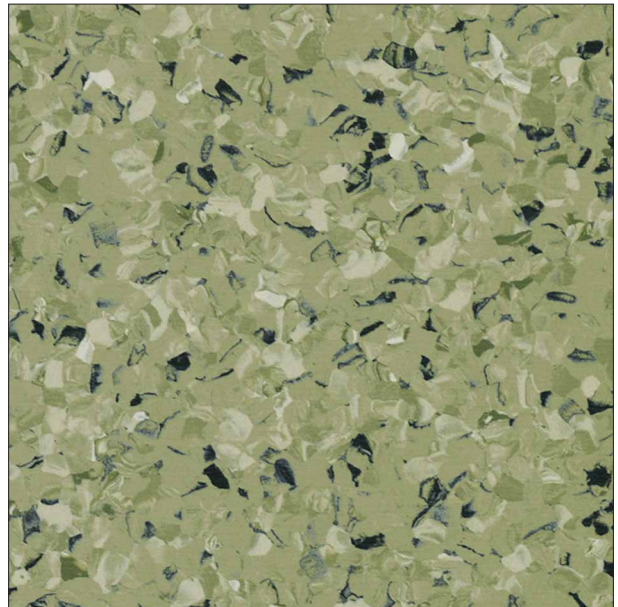
3093 104

Beige



3093 107

Light Blue



3093 576

Green



**CARBON FOIL BACKING**

Carbon chips throughout the thickness of the product

# iQ Toro SC – the static conductive flooring

iQ Toro SC is a high-quality static control flooring with an electrical resistance of  $5 \times 10^4$ – $10^6$  ohms. It is developed for use in operating theatres, x-ray rooms, electronics industries, laboratories, explosion risk areas, computer rooms, etc. The four fresh colours, in a classic non-directional design, offer great possibilities for creating stylish interior designs without having to compromise on function.

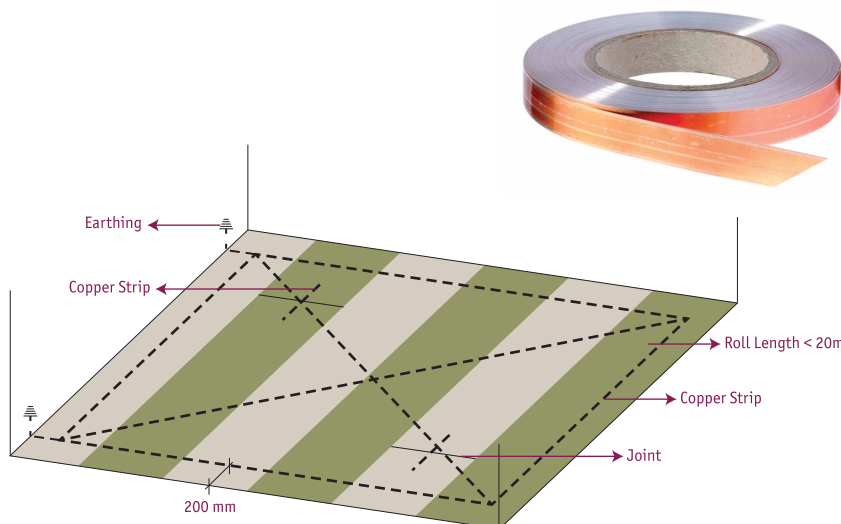


- Permanently **static conductive** flooring
- For **static controlled** environments
- Electrical resistance of  $5 \times 10^4$  to  $10^6$  Ohms
- iQ PUR: No Wax, No Polish forever
- Unique patented conductive iQ PUR

## Tarkett's commitments to VOC\* emissions



All Tarkett's homogeneous vinyl flooring will have VOC emissions below quantifiable level - measuring less than  $10 \mu\text{g}/\text{m}^3$  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 quality of life.



### 1256727 Copper Foil Tape

Special electrolytic grade, zero temper, high tensile copper foil. Acrylic adhesive system. Foil readily accepts solder and is extremely malleable.

|   |                                      |
|---|--------------------------------------|
| <b>Adhesive type</b>                      | : Acrylic                            |
| <b>Adhesive thickness</b>                 | : 0,042 mm ( 42 $\mu$ )              |
| <b>Total thickness including adhesive</b> | : 0,074 mm ( 74 $\mu$ )              |
| <b>Width</b>                              | : 12 mm                              |
| <b>Length</b>                             | : 33 rm                              |
| <b>Shear Strength</b>                     | : 13.8 kPa                           |
| <b>Peel Adhesion</b>                      | : 14,1 N/2,5 cm                      |
| <b>Tensile strength</b>                   | : 113,2 N/2,5 cm                     |
| <b>Elongation</b>                         | : 9%                                 |
| <b>Temperature Resistance</b>             | : -40°C to 121°C                     |
| <b>Release Liner</b>                      | : Polycoated densified natural kraft |

\* Installation recommendation & application of copper strip



## Specification

iQ Toro SC is a homogeneous, conductive resilient flooring with iQ PUR for excellent wear resistance and cleaning characteristics. The advanced conductive properties are achieved by carbon-black particles running straight through the product, and a pure carbon backing. Rolls are installed with standard flooring adhesive. Tiles and copper strips always require conductive adhesive.

The iQ PUR, invented by Tarkett, and the raw material composition give iQ Toro SC the strong advantages of our iQ floorings during its lifetime. iQ Toro SC has a non-directional design available in 14 colours. The range is colour co-ordinated with other homogeneous floorings from Tarkett. Areas of application for iQ Toro SC: Electronic and petrochemical industries, operating theatres, computer rooms and similar areas.

| CERTIFICATION & CLASSIFICATION | STANDARDS   | iQ Toro SC   |
|--------------------------------|---|--|
| Type of floor covering         | ISO 10581 - EN 649                                | Permanently static conductive pressed homogeneous vinyl flooring. Type I   |
| CE certification               | EN 14041  | Yes  |
| Classification                 | ISO 10874 - EN 685                                | Commercial: 34<br>Industrial: 43   |
| ISO certification              |   | Ronneby ISO 9001/Ronneby ISO 14001   |
| TECHNICAL CHARACTERISTICS      | STANDARDS   | iQ Toro SC   |
| Wear layer thickness           | ISO 24340 - EN 429                                | 2.0 mm   |
| iQ PUR                         |   | Yes  |
| Total thickness                | ISO 24346 - EN 428                                | 2.0 mm   |
| Total weight/m <sup>2</sup>    | ISO 23997 - EN 430                                | 2950 g   |
| Form of delivery               | ISO 24341 - EN 426                                | Approx. 23 rm x 200cm<br>art. no. 3093 _ _ _<br>3 digit colour number  |
|                                | Sheet (rolls)                                     |  |
| TECHNICAL PERFORMANCES         | STANDARDS   | iQ Toro SC   |
| Dimensional stability          | ISO 23999 - EN 434                                | ≤ 0.40 % for rolls   |
| Reaction to fire               | EN ISO 13501-1<br>EN ISO 9239-1<br>EN ISO 11925-2 | Class B <sub>fl</sub> s1<br>≥ 8 kW/m <sup>2</sup><br>Pass  |
| Abrasion                       | EN 660: Part 2                                    | Group P: ≤ 4.0 mm <sup>3</sup>   |
| Residual indentation           | ISO 24343-1 - EN 433                              | Approx. 0.02 mm  |
| Castors chair test             | ISO 4918 - EN 425                                 | Suitable   |
| Static electrical discharge    | EN 1815   | < 2 kV   |
| Electrical insulation          | VDE 0100, Part 600                                | R <sub>1</sub> ≤ 5 × 10 <sup>4</sup> Ohms  |
| Electrical resistance          | ESD-approval. SP-method 2472<br>EN 1081           | R ≤ 10 <sup>8</sup> Ohms<br>R <sub>1</sub> 5 × 10 <sup>4</sup> ≤ R ≤ 10 <sup>6</sup> Ohms<br>R <sub>2</sub> 5 × 10 <sup>4</sup> ≤ R ≤ 10 <sup>6</sup> Ohms<br>R 5 × 10 <sup>4</sup> ≤ R ≤ 10 <sup>6</sup> Ohms<br>≤ 3.5 × 10 <sup>7</sup> Ohms |
| Clean room test                | ASTM F24 F51                                      | Class A  |
| Ease of decontamination        | ISO 8690  | Good   |
| Total VOC emissions            | AgBB/DIBt   | ≤ 10 µg/m <sup>3</sup> (after 28 days)   |
| 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  |
| Chemical resistance            | ISO 26987 - EN 423                                | Good resistance  |
| Bacteria resistance            | ISO 846 : Part C                                  | Does not favour growth   |
| Slip resistance                | DIN 51130<br>EN 13896                             | R9<br>≥ 0.3  |
| Seam strength                  | EN 684  | Average value: ≥240 N/50 mm<br>Individual values: ≥180 N/50 mm   |

The above information is subject to modification for the benefit of further improvement. Tarkett's instructions regarding installation, cleaning and maintenance should be observed.

Our Sustainability tag explains the content of our products and how they contribute to our sustainability strategy and human well-being.



| iQ Toro SC | NCS N°      | Welding Rod No. |
|------------|-------------|-----------------|
| 576        | S 4020-G50Y | 1287 309        |
| 100        | S 1002-Y50R | 1287 322        |
| 104        | S 1005-Y40R | 1288 255        |
| 107        | S 2020-R90B | 1291 210        |

