

## **PISO VINILICO HOMOGENEO NO DIRECCIONAL SPICA RQ**



## Características especiales



## Aplicaciones

- Waiting Areas
- Offices
- Shopping Malls
- Hospitals
- Classrooms
- Industries

## Descripción del Producto

• Spica RQ® is a Phthalate free, fully flexible homogeneous, non-directional floor covering with a sharp design and a vibrant colour range. Available in sheets and tiles, in 2.00mm thickness, the surface is densely treated for superior wear resistance and reduced maintenance.

. Spica RQ® is treated with RQ Protect process providing a high level of durability and acting as a barrier against stains and chemical aggression. RQ Protect completely replaces the application of wax or polish during the lifetime of the product.

. Spica RQ® has Zero VOC emissions and is an environmentally advanced floor covering with superior chemistry and unparalleled performance. VOC ( $\leq 1/2$  Chronic REL formaldehyde compliant ( $\leq 9.0 \mu\text{g}/\text{m}^3$ ) according to the CDPH/ EHLB/ Standard, Method V1.1-2010 (certificate 120316-01).

## Combine Pleasure With Reason

Spica RQ® is a value added products in a wide choice of natural colors that will be perfectly suited for heavy foot traffic applications. The three-tone chip design gives extra depth to the visual effect and adds a nice touch of subtlety to a high quality range.



Cloud Cream (SPRQ - 01)



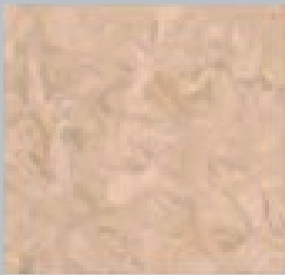
Scotch Blossom (SPRQ - 03)



Grey Fog (SPRQ - 02)



Daffodil Glow (SPRQ - 09)



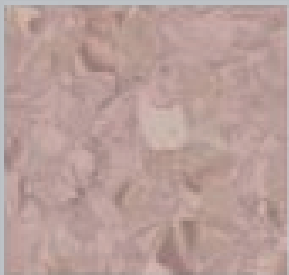
Banana Clay (SPRQ - 08)



Amber Spice (SPRQ - 04)



Butterscotch Fire (SPRQ - 17)



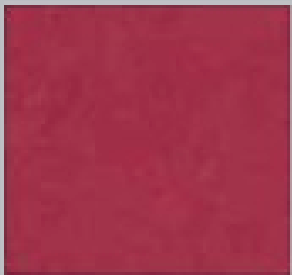
Honey Cider (SPRQ - 10)



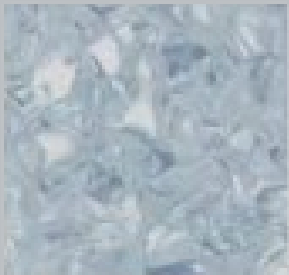
Periwinkle Purple (SPRQ - 18)



Coffee Carrot (SPRQ - 11)



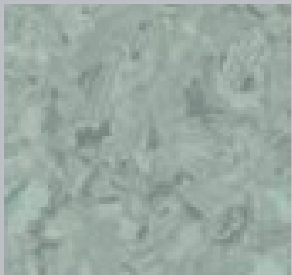
Candy Crimson (SPRQ - 15)



Arctic Azure (SPRQ - 12)



Ocean Sapphire (SPRQ - 13)



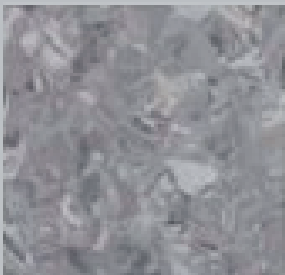
Mint Pistachio (SPRQ - 16)



Electric Coast (SPRQ - 14)



Anchor Pebble (SPRQ - 06)



Silver Smoke (SPRQ - 07)



Fossil Cement (SPRQ - 05)

| Characteristics              | Standards                                        | Units                                               | Spica RQ <sup>1</sup>                                   |
|------------------------------|--------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| Phthalate Free               |                                                  |                                                     | Yes                                                     |
| Indoor Air Quality           | CA Section 01350 ( $\leq 0.5 \text{ mg / m}^3$ ) | Floorscore Certified (SCS - FS - 04547)             | Yes                                                     |
|                              | ISO 16000-6, TVOC after 28 days                  | $\mu\text{g/m}^3$                                   | $< 10$ (Fully compliant)                                |
| Type Of Floor Covering       | ISO 10581                                        | Type 1 - Binder Content                             | Homogeneous Non-Directional Vinyl                       |
| General Performance          | ISO 10874 - EN 685                               | Classification                                      | 34: Very Heavy Commercial<br>43: Heavy Light Industrial |
| Usage / Wear Resistance      | BS EN 649                                        | Group T                                             | Heavy foot traffic / Heavy duty                         |
| Special Treatment            |                                                  |                                                     | RQ Protect : No Wax No Polish For Life                  |
| Overall Thickness            | ISO 24346 - EN 428                               | mm                                                  | 2.00                                                    |
| Thickness Of Wear Layer      | ISO 24340 - EN 429, ASTM F410                    | mm                                                  | 2.00                                                    |
| Weight                       | ISO 23997 - EN 430                               | $\text{g/m}^2$                                      | 2800                                                    |
| Sheet Size                   | ISO 24341 - EN 426                               | m (width)                                           | 2                                                       |
|                              |                                                  | m (length)                                          | 20                                                      |
|                              |                                                  | $\text{m}^2$ (surface area)                         | 40 $\text{m}^2$                                         |
| Abrasion Resistance          | EN 660 - 2                                       | Group                                               | T                                                       |
|                              | EN 660 -2                                        | Volume loss $\text{mm}^3$                           | $< 2$                                                   |
|                              | ASTM D3389 (weight loss / 1000 cycles)           | g                                                   | $< 0.40$                                                |
| Castor Chair Test            | ISO 4918 - EN 425                                | Type of use                                         | Continuous                                              |
| Slip Resistance              | DIN 51130                                        | Ramp Test                                           | R 9                                                     |
|                              | EN 13893<br>ASTM D2047                           | Coefficient of friction                             | D5 ( $> 0.30$ )<br>Pass (0.70 avg)                      |
| Dimensional Stability        | ISO 23999 - EN 434                               | %                                                   | $\leq 0.40$                                             |
| Flexibility                  | ISO 24344 - EN 435                               | 20mm mandrel                                        | No Cracking                                             |
|                              | ASTM F137                                        |                                                     | Pass                                                    |
| Seam Strength                | ISO 16906                                        | N/50mm                                              | Pass                                                    |
| Residual Indentation         | ISO 24343 - 1 - EN 433                           | mm                                                  | $\leq 0.10$                                             |
|                              | ASTM F970                                        | psi                                                 | 800                                                     |
|                              | ASTM F1914                                       | inches                                              | Avg. 0.001                                              |
| Colour Fastness To Light     | EN ISO 105 - B02                                 | Degrees                                             | $\geq 6$                                                |
|                              | ASTM F1515                                       | $\Delta E \leq 800$ after 300 hours (colour change) | Pass                                                    |
| Static Electrical Propensity | EN 1815                                          | kV                                                  | $< 2.0$                                                 |
| Thermal Resistance           | EN 12667                                         | $\text{m}^2 \text{ k/W}$                            | Approx 0.01 $\text{m}^2\text{k/W}$ (suitable at 27°C)   |
| Heat Stability               | ASTM 1514                                        | $\Delta E \leq 0.80$ (colour change)                | Pass                                                    |
| Reaction To Fire             | EN ISO 9239-1                                    | $\text{kW/m}^2$                                     | $\geq 8$                                                |
|                              | EN ISO 11925-2                                   |                                                     | Pass                                                    |
|                              | EN 13501-1 : 2007+A1                             | Class                                               | Bfl - S1                                                |
|                              | ASTM E 648-06                                    | Type                                                | 1                                                       |
| Smoke Density                | ASTM E 662                                       | Dm                                                  | $< 450$ (Pass)                                          |
| Stain & Chemical Resistance  | ISO 26987 - EN 423                               | Index                                               | 0 (Excellent resistance)                                |
|                              | ASTM F925                                        | Resistance                                          | Pass                                                    |
| Fungi & Bacteria Resistance  | ISO 846 A, C                                     |                                                     | Does not favour growth                                  |
| Maritime Usage               | IMO RES A 653 (16)                               |                                                     | Annex 1 Part 2 (Smoke & Toxicity)                       |
|                              | IMO MSC 61 (67)                                  |                                                     | Part 5 ( Spread of Flame) and                           |
|                              | Marine Equipment Directive                       |                                                     | 1121                                                    |