

# Technical specifications

Sphera element meets the requirements of EN-ISO 10581



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|   |                                       |  |   |
|---|---------------------------------------|--|---|
|   | Binder content                        | EN-ISO 10581   | type 1; binder > 55%  |
|   | Total thickness                       | EN-ISO 24346   | 2.0 mm  |
|   | Surface finish                        |  | SMART top   |
|   | Collection size                       |  | 62  |
|   | Commercial use                        | EN-ISO 10874   | 34 very heavy   |
|   | Industrial use                        | EN-ISO 10874   | 43 heavy  |
|   | Roll width                            | EN-ISO 24341   | 2 m   |
|   | Roll length                           | EN-ISO 24341   | ≤ 25 m  |
|   | Total weight                          | EN-ISO 23997   | 2.9 kg/m²   |
|   | Dimensional stability                 | EN-ISO 23999   | ≤ 0.2 %   |
|   | Residual indentation<br>Typical value | EN-ISO 24343-1   | ≤ 0.10 mm<br>~ 0.03 mm  |
|   | Abrasion resistance                   | EN 660-2   | group T   |
|   | Castor chair continuous use           | ISO 4918 / EN 425  | pass  |
|   | Light fastness                        | ISO 105-B02  | ≥ 6   |
|   | Flexibility                           | EN-ISO 24344   | Ø 10 mm   |
|   | Resistance to chemicals               | EN-ISO 26987   | very good   |
|   | Slip resistance                       | AS 4586:2013   | R10 - P3  |
|   | Wetroom application                   |  | yes   |
|   | Application on underfloor heating     |  | yes   |
|   | TVOC after 28 days                    | ISO 16000-6  | ≤ 10 µg/m³  |
|   | Renewable electricity                 | Sphera is manufactured using 100% electricity made from renewable sources                |   |
|   | Life cycle assesment                  | Life cycle assessment LCA is the foundation for securing the lowest environmental impact |   |
| Sphera element meets the requirements of EN 14041 |                                       |  | <small>EN 14041</small><br><br><small>0200301-DuP-605</small> |
|   | Reaction to fire                      | AS 9239-1  | CRF >8kw/m²<br>Smoke Dvlp <750%<br>min                        |
|   | Slip resistance                       | EN 13893   | DS - µ ≥ 0.30   |
|   | Body voltage                          | EN 1815  | ≤ 2 kV  |
|   | Thermal conductivity                  | EN 12524   | 0.25 W/m·K  |

Our recommended adhesive for the Sphera collection is 540 Eurosafe Special or 640 Eurostar Special. Please contact customer services for more information.

All Forbo Flooring Systems' sales organisations and manufacturing sites worldwide have certified Quality Management Systems in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing plants have certified Environmental Management Systems in accordance with ISO 14001.

Sphera is manufactured in a facility certified to SA8000.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental product declarations (EPD's) or local building rating schemes such as BREEAM.



## INSTANT DOWNLOADS

For other documents visit our downloads page:

[www.forbo-flooring.com.au/sphera-download](http://www.forbo-flooring.com.au/sphera-download)

**New Zealand**  
**Inzide Commercial Ltd**  
 52B Arrenway Drive  
 Rosedale 0632  
 Auckland New Zealand  
 Tel: +64 9 441 9850  
 Free Call 0800 800 656  
 Fax: +64 9 441 9851  
 enquiries@inzide.co.nz  
 www.inzide.co.nz

**Australia**  
**Forbo Flooring Systems Pty Ltd**  
 23 Ormsby Place  
 Wetherill Park  
 NSW 2164  
 Tel: +61 2 9828 0200  
 Free Call 1800 224 471  
 Fax: +61 2 9825 3456  
[info.au@forbo.com](mailto:info.au@forbo.com)  
[www.forbo-flooring.com.au](http://www.forbo-flooring.com.au)



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