



GENERATION HUMANCARE

Superior quality hygienic ceilings

Humancare Lab | Humancare Plus | Humancare Pro

OWA

www.owa-ceilings.com

Why are highly effective acoustic hygienic ceilings so important?

- Compliance with high hygiene standards even outside clinical facilities
- Increased hygiene awareness due to SARS CoV-2
- Increased need for safety/health among patients and employees
- Positive contribution to healing process¹ and treatment success
- Good acoustics promote a pleasant indoor and working climate^{2,3}
- High demands on durability and service life of products
- Increased social focus on the issue of sustainability
- Flexible adaptation of premises to changing requirements and needs.



OWA's highly effective acoustic hygienic ceilings offer clear benefits!

- All Humancare products are tested and certified
- Complete range of hygienic ceilings for every requirement/room type
- Health-safe products due to strictly controlled mineral wool production
- Therapy-promoting optimization of acoustics and indoor climate (emissions class A+/A)
- Comprehensive modular system – the right product for every requirement
- High-quality products and robust surfaces ensure a long service life
- Sustainable production, for instance with “OWA green circle” proprietary raw material cycle
- Easy to install and can be revised and extended at any time (with the exception of Humancare Lab and OWALux)

¹ Hagerman et al: “Influence of intensive coronary care acoustics on the quality of care and physiological state of patients”, International Journal of Cardiology, Volume 98, Issue 2, February 2005

² Beldam – Impact of acoustics on staff performance in operation rooms

³ Blomkvist – Acoustics and psychosocial environment in intensive coronary care

The Humancare product family the right product for your specific project



Multi-room solutions

Special applications (laboratories, positive and negative pressure rooms)



**Humancare
Pro**

Benefits

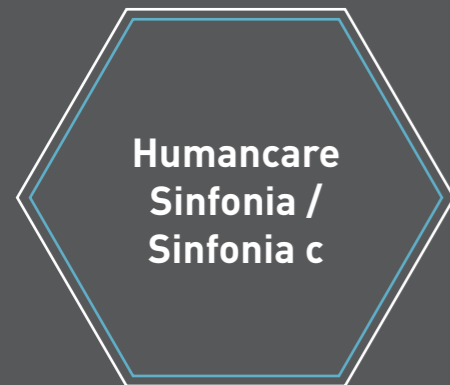
- Wipe disinfectable
- ISO 3
- A-Absorber



**Humancare
Plus**

Benefits

- Wipe disinfectable
- ISO 4
- Many variants*



**Humancare
Sinfonia /
Sinfonia c**

Benefits

- Spray disinfectable
- ISO 4
- Many variants*



**Humancare
product family**

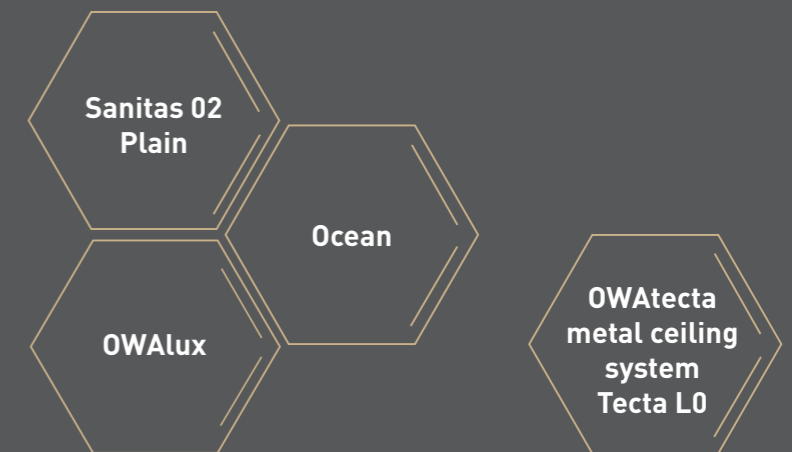


**Humancare
Lab**

Benefits

- Wipe disinfectable
- ISO 3
- Suitable for negative pressure





More OWA - hygienic ceilings








Overview of OWA ceiling systems for hygiene-sensitive areas

OWAtecta
metal ceiling
systems

OWAlifetime collection mineral ceiling systems

	Humancare Pro	Humancare Plus	Humancare Lab	Humancare Sinfonia c
Hygienic finish	✓	✓	✓	✓
Tested to hygiene standards	NF S 90-351:2013 / ASTM D3273 / ASTM 2180-07	NF S 90-351:2013 / ASTM D3273	NF S 90-351:2013	NF S 90-351:2013 / JIS Z 2801
Germ reduction rates	up to 7 log units	up to 7 log units	up to 7 log units	up to 5 log units
Types of cleaning*	Washable, dirt-repellent, scratch-resistant, hydrophobic surface for optimum disinfection when wiped (in accordance with ASTM 2486; ASTM 4828)			Vacuuuming, dusting
Disinfectability	Wipe disinfectable (tested in compliance with EN 16615, EN ISO 15883)			Spray disinfectable
Clean room class	ISO 3	ISO 4	ISO 3	ISO 4
Resistance to humidity	100% RH	100% RH	100% RH	95% RH
Sound absorption	$\alpha_w = 0.95$	$\alpha_w = 0.90$	$\alpha_w = 0.70$	$\alpha_w = 0.70$
Application areas	Treatment rooms Recovery rooms Sanitary areas Humid rooms Therapy areas	Treatment rooms Recovery rooms Humid rooms Therapy areas	Laboratories Positive/negative pressure rooms Clean rooms Operating theatres/ICU	Corridors for hygiene areas
Product details				

OWAlifetime collection mineral ceiling systems

	Humancare Sinfonia	Sanitas 02 Plain	OWAlux	Ocean	Tecta L0
	✓	✓	-	-	-
	NF S 90-351:2013 / JIS Z 2801	NF S 90-351:2013 / JIS Z 2801	-	-	JIS Z 2801 / Prof. Mutters
	up to 5 log units	up to 5 log units	-	-	up to 6 log units
	Vacuuuming, dusting	Vacuuuming, dusting, wiping	Vacuuuming, dusting, wiping, high pressure cleaning	Vacuuuming, dusting	Vacuuuming, dusting, wiping
	Spray disinfectable	Wipe disinfectable	Wipe disinfectable	-	Wipe disinfectable
	ISO 4	ISO 4	ISO 4	ISO 4	ISO 1 (S22) / ISO 2 (S33)
	95% RH	95% RH	95%	100% RH	90% RH
	$\alpha_w = 0.90$	$\alpha_w = 0.15$	$\alpha_w = 0.15$	$\alpha_w = 0.95$	$\alpha_w = 0.05$
	Reception area Treatment rooms Recovery rooms	Recovery rooms Sanitary areas Laboratories Sterile and hygiene areas	Sanitary areas Humid rooms	Sanitary areas Humid rooms	Clean rooms Positive/negative pressure rooms (S22) Laboratories Operating theatres/ICU
					

* Detailed cleaning instructions are available in the cleaning recommendations brochure no. 9989

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The information contained in this brochure reflects the current status at the time of publication. No liability is accepted for errors or misprints. For specific advice, please contact:

Customer Service:
Tel: +49 93 73.2 01 - 9 99

Technical consultants:
Tel: +49 93 73.2 01 - 4 44
E-Mail: info@owaconsult.de

Odenwald Faserplattenwerk GmbH
Dr.-F.-A.-Freundt-Straße 3, 63916 Amorbach | Germany
Tel: + 49 93 73.2 01 - 0, Fax: + 49 93 73.2 01 - 81 91
E-Mail: info@owa.de



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