Ultima™

ULTIMA, ULTIMA dB, ULTIMA OP, Ultima OP dB

Armstrong® CEILING SOLUTIONS

Benefits

- A new smoother white surface with a range of acoustical performance options to suit your space and needs
- Improved durability with a complete range of edge details
- Sustainable Contribution
  - Global GreenTag$^{CERT\ TM}$ GreenRate™ Level A Certified for Green Star™
  - Cradle to Cradle Certified™ Bronze for WELL Building Standard™ *
- TOTAL ACOUSTICS™ Performance (NRC+CAC)
  - High sound absorption for reduced reverberation and quieter spaces
  - High sound attenuation, improving room to room privacy
- Humiguard™ Plus RH99 Sag Resistance
- ISO 3 Clean Room Performance

A Bright Green Solution

Reduce Environmental Impact

- ULTIMA Ceilings are Cradle to Cradle Certified™ Bronze, satisfying Features, of the WELL Building Standard™
- ULTIMA Ceilings are Global GreenTag$^{CERT\ TM}$ GreenRate™ Level A Certified, and recognised for credit as a "Sustainable Product" under the Green Star(R) Buildings v1.0 Rating Tool
- Ultima and Bioguard Acoustic panels meet Green Star (R) Buildings v1.0 as recognised for Credit 9: Responsible Finishes.

  Also meets WELL v1.0 and 2.0 and recognised for various Features
- Ultima Ceilings have been third party certified by IBU (Institut Bauen und Umwelt e.V. (IBU) as conforming to the requirements of ISO 14025. Ultima Ceilings, with Product Specific EPD's satisfy Credit 9 "Responsible Finishes" in Green Star Rating Tools.
- High recycled content (up to 50%)
- Contact your Armstrong Ceilings representative for details on how ULTIMA will contribute to **GREEN STAR™, WELL, LEED®** and **BREEAM®**

Enhance Indoor Environment

A+ E1 IACG

- Air quality:
  Tested Low VOC "A+" with ISO 3 Clean Room performance
- Visual comfort:
  Light reflectance 87%
- Acoustical comfort:
  NRC up to 0.95

Energy Saving

87% Light Reflectance = **16%** Cost savings with indirect lighting**

** Conditions apply*
***In accordance with the Brinjac Engineering Study, 2006*

One visual with a complete range of TOTAL ACOUSTICS™ performance options to fit every space and need

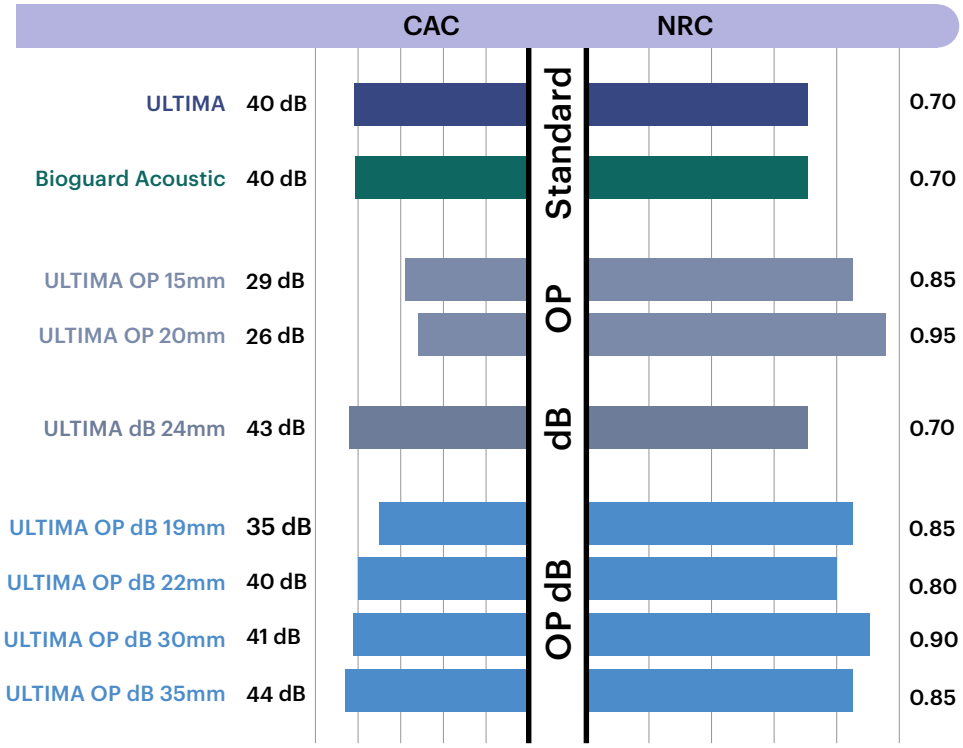
TOTAL ACOUSTICS®

ULTIMA Standard, **OP**, **dB** and **OP dB** have outstanding acoustical performance but with different core densities and panel thicknesses that enable you to engineer sound reduction and attenuation to meet different requirements.

ULTIMA™ and **ULTIMA OP dB** ceilings provide the perfect **total acoustical balance**. High sound absorption combined with excellent sound attenuation make the product ideal for working and learning environments.

ULTIMA™ OP ceilings provide an excellent **sound absorption**. These products are ideal for open plan spaces where control of ambient noise is an important consideration.

ULTIMA™ dB ceilings provide Total Acoustical Performance, but with an emphasis on excellent levels of **sound attenuation**. The product is ideal for spaces where privacy between rooms or where noise from above the suspended ceiling are important considerations.



Energy Saving

	ULTIMA	ULTIMA OP	ULTIMA dB & ULTIMA OP dB
Office	Meeting rooms Conference rooms Corridors	Open plan offices Cafeterias	Individual offices
Education	Classrooms Corridors	Libraries Auditoriums	Individual offices
Healthcare	Administration Areas	Canteens Nurses stations	Consultation rooms Patient rooms
Transport	Waiting Areas	Lounges	
Retail & leisure	Department Stores Shops	Cinemas Theatres Restaurants	

Ultima™

RH99 Humidity Resistant | Scratch Resistant | Product Handling Durability | Cleanable | ISO 3 Clean Room ISO 14644-1 | Anti mould and mildew | Very Low Emissions | Recycled Content EN ISO 14021 50% | Light Reflectance 88% | Acoustical Comfort

Panel Options

	BOARD	TEGULAR 24	TEGULAR 15/90		K2C2 EDGE
	Prelude™ 24mm Grid	Prelude 24mm Grid	Suprafine™ 15mm Grid	Silhouette™ 15mm Grid	One Way / Modular Grid
600 x 600 x 19mm	1001	1003	1005		–
1200 x 600 x 19mm	1002	1004	1006		**
1200 x 300 x 19mm	**	1012	1013		**
1200 x 400 x 19mm	1035	1037	1015		1027*
1350 x 450 x 19mm	1036	1038	1016		1032*
1500 x 500 x 19mm	1011	1039	**		1033*

– Not available
* Item number for K2C2 Edge Panel for Top Hat Modular Grid
** Special items and other sizes available upon request
• Contact your local Armstrong Ceilings representative for stock availability

EN ISO 354 & EN ISO 11654

NRC	125	250	500	1000	2000	4000	Hz
0.70	0.30	0.35	0.65	0.95	0.95	1.00	αp

EN ISO 10848-2 & EN ISO 717-1

CAC

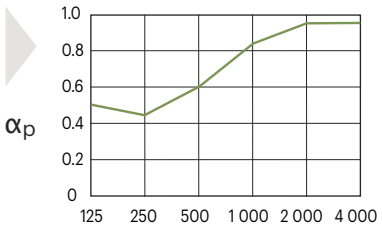
40 dB

Humiguard™ Plus Sag Resistance (RH99% at 0ºC – 49ºC)
Refer to website for additional information

Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 – Group 1, and ISO 5660 – Group 1 – S

Thermal Insulation (R- Value)
0.35 m²K/W

5 kg/m²



TOTAL ACOUSTICS®

• NRC = 0.70

Material
Wet-formed mineral fibre with durable acoustically transparent membrane

Surface Finish
Factory applied acrylic paint

Backloading Recommendation
Contact your local Armstrong Ceilings representative

Suspension Systems
PeakForm™ Steel options above, with ARMSTRONG BLUE TONGUE® Aluminium upon request

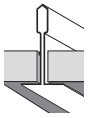
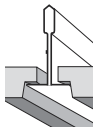
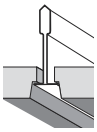
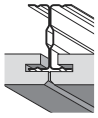
Green Star™: Potential contribution Interiors v1.3 / Design & As Built v1.3

Indoor Environmental Quality				Materials	
Credit 9 / 10 ACOUSTIC COMFORT	Credit 10.2A / 11.2A LIGHTING COMFORT SURFACE ILLUMINANCE	Credit 11.1B / 12.1B VISUAL COMFORT: DAYLIGHT	Credit 12 / 13 INDOOR POLLUTANTS	Credit 21C-D / 21C-D SUSTAINABLE PRODUCTS – "Level A" Third Party Certification Environmental Product Declarations	Credit 22 / 22 CONSTRUCTION AND DEMOLITION WASTE
✓	✓	✓	✓	✓	✓

Green Building Council Australia
Member 2021-2022

Ultima™ dB

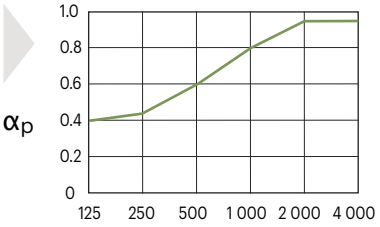
RH99 Humidity Resistant | Scratch Resistant | Product Handling Durability | Cleanable | ISO 4 Clean Room ISO 14644-1 | Anti mould and mildew | Very Low Emissions | Recycled Content EN ISO 14021 45% | Light Reflectance 88% | Acoustical Comfort

Panel Options	BOARD	TEGULAR 24	TEGULAR 15	K2C2 EDGE
	 Prelude™ 24mm Grid	 Prelude 24mm Grid	 Suprafine™ 15mm Grid	 One Way / Modular Grid
600 x 600 x 24mm	✓	✓	✓	–
1200 x 600 x 24mm	✓	✓	✓	✓

• Contact your local Armstrong Ceilings representative for stock availability • Special items and sizes available upon request

EN ISO 354 & EN ISO 11654

NRC	125	250	500	1000	2000	4000	Hz
0.70	0.40	0.45	0.60	0.80	0.95	0.95	α_p



TOTAL ACOUSTICS

• NRC = 0.70

EN ISO 10848-2 & EN ISO 717-1

CAC

43 dB

Note: Also available for special orders in 30mm thickness with CAC of 44dB

Humiguard™ Plus Sag Resistance (RH99% at 0ºC – 49ºC)
Refer to website for additional information

Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 – Group 1, and ISO 5660 – Group 1 – S

Thermal Insulation (R- Value)
0.44 m²K/W

8.4 kg/m²

Material
Wet-formed mineral fibre with durable acoustically transparent membrane

Surface Finish
Factory applied acrylic paint

Backloading Recommendation
Contact your local Armstrong Ceilings representative

Suspension Systems
PeakForm™ Steel options above, with ARMSTRONG BLUE TONGUE® Aluminium upon request

Green Star™: Potential contribution Interiors v1.3 / Design & As Built v1.3

Indoor Environmental Quality				Materials	
Credit 9 / 10 ACOUSTIC COMFORT	Credit 10.2A / 11.2A LIGHTING COMFORT SURFACE ILLUMINANCE	Credit 11.1B / 12.1B VISUAL COMFORT: DAYLIGHT	Credit 12 / 13 INDOOR POLLUTANTS	Credit 21C-D / 21C-D SUSTAINABLE PRODUCTS – "Level A" Third Party Certification Environmental Product Declarations	Credit 22 / 22 CONSTRUCTION AND DEMOLITION WASTE
✓	✓	✓	✓	✓	✓

Green Building Council Australia Member 2021–2022

Ultima™ OP

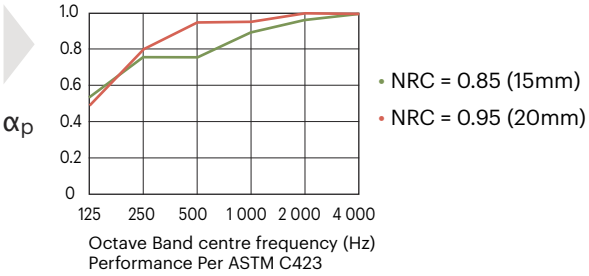
RH99 Humidity Resistant | Scratch Resistant | Product Handling Durability | Cleanable | ISO 4 Clean Room ISO 14644-1 | Anti mould and mildew | Very Low Emissions | Recycled Content EN ISO 14021 42% | Light Reflectance 88% | Acoustical Comfort

Panel Options	BOARD	TEGULAR 24/90	TEGULAR 15/90	
	Prelude™ 24mm Grid	Prelude 24mm Grid	Suprafine™ 15mm Grid	Silhouette™ 15mm Grid
600 x 600 x 15mm	1120G	1122G	1124G	
1200 x 600 x 15mm	1121G	1123G	1125G	
600 x 600 x 20mm	7682G	7678G	7685G	
1200 x 600 x 20mm	7684G	7680G	7687G	

Notes: 1. Special items and other sizes available upon request
2. For all items: Contact your local Armstrong Ceilings representative for stock availability

EN ISO 354 & EN ISO 11654

Thickness	NRC	125	250	500	1000	2000	4000	Hz
15mm	0.85	0.55	0.75	0.75	0.90	0.95	1.00	α_p
20mm	0.95	0.50	0.80	0.95	0.95	1.00	1.00	α_p



EN ISO 10848-2 & EN ISO 717-1

CAC

29 dB (15mm)

26 dB (20mm)

Humiguard™ Plus Sag Resistance (RH99% at 0ºC – 49ºC)
Refer to website for additional information

Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 – Group 1, and ISO 5660 – Group 1 – S

Thermal Insulation (R- Value)
0.40 m^2K/W

2.9 kg/m^2 (15mm), 3.5 kg/m^2 (20mm)

Material
Wet-formed mineral fibre with durable acoustically transparent membrane

Surface Finish
Factory applied acrylic paint

Backloading Recommendation
Contact your local Armstrong Ceilings representative

Suspension Systems
PeakForm™ Steel options above, with ARMSTRONG BLUE TONGUE® Aluminium upon request

Green Star™: Potential contribution Interiors v1.3 / Design & As Built v1.3

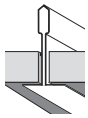
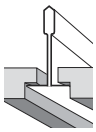
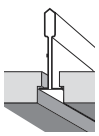
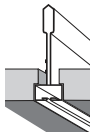
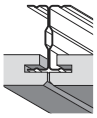
Indoor Environmental Quality				Materials	
Credit 9 / 10 ACOUSTIC COMFORT	Credit 10.2A / 11.2A LIGHTING COMFORT SURFACE ILLUMINANCE	Credit 11.1B / 12.1B VISUAL COMFORT: DAYLIGHT	Credit 12 / 13 INDOOR POLLUTANTS	Credit 21C-D / 21C-D SUSTAINABLE PRODUCTS – "Level A" Third Party Certification Environmental Product Declarations	Credit 22 / 22 CONSTRUCTION AND DEMOLITION WASTE
✓	✓	✓	✓	✓	✓

Green Building Council Australia Member 2021-2022

Ultima™ OP dB

RH99 Humidity Resistant | Scratch Resistant | Product Handling Durability | Cleanable | ISO 4 Clean Room ISO 14644-1 | Anti mould and mildew | Very Low Emissions | Recycled Content EN ISO 14021 33-39% | Light Reflectance 88% | Acoustical Comfort

Panel Options

	BOARD	TEGULAR 24/90	TEGULAR 15/90		K2C2 EDGE
	 Prelude™ 24mm Grid	 Prelude 24mm Grid	 Suprafine™ 15mm Grid	 Silhouette™ 15mm Grid	 One Way / Modular Grid
600 x 600 x 22mm	1180G	1182G	1184G		–
1200 x 600 x 22mm	1181G	1183G	1185G		✓
600 x 600 x 30mm	1160G	1162G	1164G		–
1200 x 600 x 30mm	1161G	1163G	1165G		✓

✓ Manufacture to order only
– Not Available

Notes: 1. Special items and other sizes available upon request
2. For all items: Contact your local Armstrong Ceilings representative for stock availability

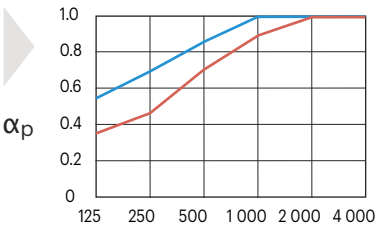
EN ISO 354 & EN ISO 11654

Thickness	NRC	125	250	500	1000	2000	4000	Hz
22mm	0.80	0.35	0.45	0.70	0.90	1.00	1.00	α_p
30mm	0.90	0.55	0.70	0.85	1.00	1.00	1.00	α_p

EN ISO 10848-2 & EN ISO 717-1

CAC	40	41
Thickness	22mm	30mm

Note: Available in 19mm with NRC 0.85 and CAC 35 dB and also 35mm with NRC 0.85 and CAC44 dB



Octave Band centre frequency (Hz)
Performance Per ASTM C423

TOTAL ACOUSTICS

- NRC = 0.80 (22mm)
- NRC = 0.90 (30mm)

Humiguard™ Plus Sag Resistance (RH99% at 0ºC – 49ºC)
Refer to website for additional information

Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 – Group 1, and ISO 5660 – Group 1 – S

Thermal Insulation (R- Value)
0.36 m²K/W (22mm), 0.50 m²K/W (30mm)

5.8 kg/m² (22mm), 8.2 kg/m² (30mm)

Material
Wet-formed mineral fibre with durable acoustically transparent membrane

Surface Finish
Factory applied acrylic paint

Backloading Recommendation
Contact your local Armstrong Ceilings representative

Suspension Systems
PeakForm™ Steel options above, with ARMSTRONG BLUE TONGUE® Aluminium upon request

Green Star™: Potential contribution Interiors v1.3 / Design & As Built v1.3

Indoor Environmental Quality				Materials	
Credit 9 / 10 ACOUSTIC COMFORT	Credit 10.2A / 11.2A LIGHTING COMFORT SURFACE ILLUMINANCE	Credit 11.1B / 12.1B VISUAL COMFORT: DAYLIGHT	Credit 12 / 13 INDOOR POLLUTANTS	Credit 21C-D / 21C-D SUSTAINABLE PRODUCTS – "Level A" Third Party Certification Environmental Product Declarations	Credit 22 / 22 CONSTRUCTION AND DEMOLITION WASTE
✓	✓	✓	✓	✓	✓

Green Building Council Australia Member 2021-2022

An acoustical solution for all applications

Contact us

NSW/ACT
Armstrong Ceiling Solutions (Australia) Pty. Ltd.
75 Long Street, Smithfield, NSW, 2164
Telephone (02) 9748 1588

VIC/TAS
Armstrong Ceiling Solutions (Australia) Pty. Ltd.
Unit 1, 88 Henderson Road, Rowville VIC 3178
Telephone (03) 8706 4000

QLD / NT
Armstrong Ceiling Solutions (Australia) Pty. Ltd.
6 Barrinia Street, Slacks Creek QLD 4127
Telephone (07) 3809 5565

SA
Total Building Systems Pty. Ltd.
160 Grand Junction Road, Blair Athol SA 5084
Telephone (08) 7325 7555

WA
Ceiling Manufacturers of Australia Pty. Ltd.
3 Irvine Street, Bayswater WA 6053
Telephone 08) 9271 0777

New Zealand
Comfortech Building Performance Solutions®
27B Smales Road, East Tamaki, Auckland 2013
Telephone 64-9-276 4000

Armstrong®
CEILING SOLUTIONS

info@armstrongceilings.com.au
www.armstrongceilings.com.au

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