

ULTIMA⁺™

ULTIMA⁺, ULTIMA⁺ OP, ULTIMA⁺ dB

Whiter
Brighter
Stronger



BENEFITS

- A new smoother white surface with a range of three acoustical performance options to suit your space and needs
- Improved durability with a complete range of edge details
- GreenTag™ and Cradle to Cradle Certified™ for WELL Building Standard™ and Green Star™ contribution
- 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 5 Clean Room performance



Inspiring Great Spaces®

Armstrong®
CEILING SOLUTIONS



Re-engineered **edges** for a better fit and longer life



Visual comfort

- ◆ Blue white and brighter visual
- ◆ Lightly textured white surface
- ◆ High light reflectance

Acoustical comfort

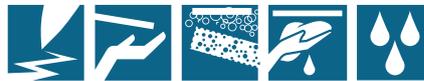
- ◆ Available in different performance options

NRC up to 0.95

CAC up to 44dB

Easy to install and maintain

- ◆ New smoother Durabrite™ finish
- ◆ Easier to handle and clean
- ◆ RH99 humidity resistant

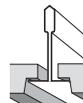


A complete range of edges

Square Lay In



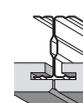
Tegular



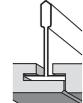
Microlook™ 90



K2C2



SL2



A new **smoother white** surface with improved all-round **performance**

Better fit

- ◆ New MicroLook 90 edge detail for an **improved visual** finish

Scratch resistant

- ◆ New scratch resistant Durabrite finish for **easier handling** and **longer life**

Vacuum Painted – Hardened Edges

- ◆ For improved **appearance** and **durability**



+ A bright Green solution



Reduce Environmental Impact

- ◆ ULTIMA+ Ceilings are Cradle to Cradle Certified™, satisfying Section 26: Enhanced Materials Safety of the WELL Building Standard® v1
- ◆ GreenTag™ Green Rate™ – “Level A” Certification
- ◆ High recycled content (up to 64%)
- ◆ Green rating contribution:
- ◆ GREEN STAR™, WELL, LEED®, BREEAM®



Enhance Indoor Environment

- ◆ Air quality: **Low VOC A +, ISO 5**
- ◆ Visual comfort: light reflectance 87%
- ◆ Acoustical comfort: NRC up to 0.95



Waste Management

RECYCLABLE (100%)

End-of-Life Recycling Programme:

Reduce landfill – Old ceiling tiles are 100% recycled into the mix and can be processed into new ceiling tiles*.



Energy Saving

87% = 16%

Light Reflectance

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



ULTIMA+ Standard, OP and dB have the same outstanding performance but with different core densities that enable you to engineer sound reduction and attenuation to meet different requirements.



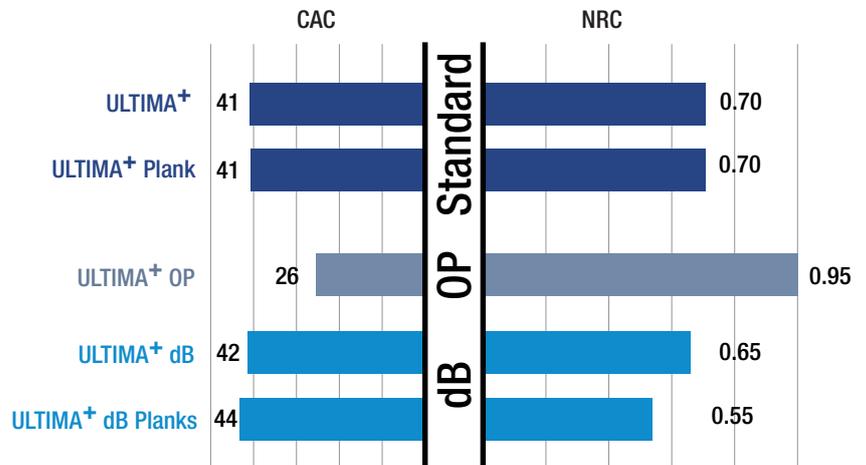
ULTIMA+™ ceilings provide the perfect **total acoustical balance**. High sound absorption combined with excellent sound attenuation make the product ideal for working and learning environments.



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 an excellent level of **sound attenuation**. The product is ideal for spaces where privacy between rooms or where noise from above the suspended ceiling are important considerations.



Typical applications

	ULTIMA+	ULTIMA+ OP	ULTIMA+ 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	



RH99
Humidity
Resistant



**Scratch
Resistant**



**Product
Handling
Durability**



Washable



**ISO 5 Clean
Room ISO
14644-1**



**Anti mould
and
mildew**



39%
Recycled Content
EN ISO 14021



87%
Light Reflectance



**Acoustical
Comfort**

Panel Options	SQUARE LAY-IN	ANGLED TEGULAR	MICROLOOK™ 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	α_p



EN ISO 10848-2 &
EN ISO 717-1

CAC
41 dB



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



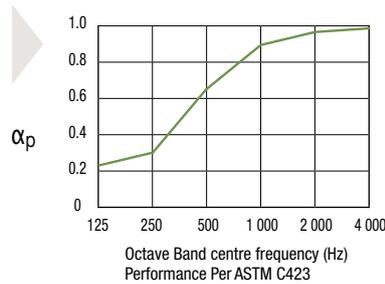
Conforms with BCA Spec. C1.10 and tested to AS/NZS 3837:1998
– Group 1, ISO 5660 – Group 1 –S



Thermal Insulation (R- Value)
0.37 m²K/W



5.21 kg/m²



Material

Wet-formed mineral fibre with DuraBrite™ acoustically transparent membrane

Surface Finish

DuraBrite with factory-applied latex paint with 'BioBlock™' mould/mildew inhibitor'.
'Vacuum Paint – Hard Edge' treatment for Tegular and K2C2 edge panels

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

MAN		IEQ			ENE	MAT and Mat. Calc.			
Waste Management	Daylight Factor	Noise Levels	Emissions	Energy	Modular & Design for Disassembly	Level A Certified Product	Product Stewardship	EMS to ISO 14001	Recycled Content
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Ultima+ Ceilings are Certified under V3.1 of the Cradle to Cradle Product Standard and satisfy Section 26: Enhanced Materials Safety of the WELL Building Standard v1



ULTIMA+™ OP



RH99
Humidity
Resistant



Scratch
Resistant



Product
Handling
Durability



Washable



ISO 5 Clean
Room ISO
14644-1



Anti mould
and
mildew



22%
Recycled Content
EN ISO 14021



87%
Light Reflectance



Acoustical
Comfort

Panel Options	SQUARE LAY-IN	ANGLED TEGULAR	MICROLOOK™ 90		K2C2 EDGE
	 Prelude™ 24mm Grid	 Prelude 24mm Grid	 Suprafine™ 15mm Grid	 Silhouette™ 15mm Grid	 One Way / Modular Grid
600 x 600 x 20mm	7682M	7678M	7685M		—
1200 x 600 x 20mm	7684M	7680M	7687M		**
1200 x 400 x 20mm	**	**	**		**
1350 x 450 x 20mm	**	**	**		**
1500 x 500 x 20mm	**	**	**		**

— Not available

** 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
0.95	0.40	0.80	1.00	0.95	1.00	1.00	α_p



EN ISO 10848-2 &
EN ISO 717-1

CAC
26 dB



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



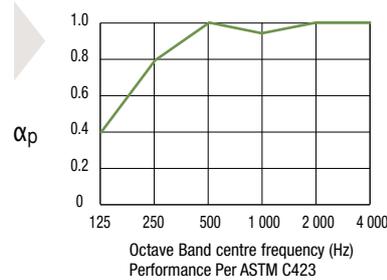
Conforms with BCA Spec. C1.10 and tested to AS/NZS 3837:1998
– Group 1, ISO 5660 – Group 1 –S



Thermal Insulation (R- Value)
0.54 m²K/W



3.2kg/m² (Tiles)
3.6kg/m² (Planks)



Material

Wet-formed mineral fibre with DuraBrite™ acoustically transparent membrane

Surface Finish

DuraBrite with factory-applied latex paint with 'BioBlock™' mould/mildew inhibitor. 'Vacuum Paint – Hard Edge' treatment for Tegular and K2C2 edge panels

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

MAN	IEQ			ENE	MAT and Mat. Calc.				
Waste Management	Daylight Factor	Noise Levels	Emissions	Energy	Modular & Design for Disassembly	Level A Certified Product	Product Stewardship	EMS to ISO 14001	Recycled Content
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Ultima+ OP Ceilings are Certified under V3.1 of the Cradle to Cradle Product Standard and satisfy Section 26: Enhanced Materials Safety of the WELL Building Standard v1



ULTIMA+™ dB



**RH99
Humidity
Resistant**



**Scratch
Resistant**



**Product
Handling
Durability**



Washable



**ISO 5 Clean
Room ISO
14644-1**



**Anti mould
and
mildew**



**Recycled Content
EN ISO 14021**



Light Reflectance



**Acoustical
Comfort**

Panel Options	SQUARE LAY-IN	ANGLED TEGULAR	MICROLOOK™ 90		K2C2 EDGE
	 Prelude™ 24mm Grid	 Prelude 24mm Grid	 Suprafine™ 15mm Grid	 Silhouette™ 15mm Grid	 One Way / Modular Grid
600 x 600 x 19mm	7688M	7695M	7697M		—
1200 x 600 x 19mm	7690M	7696M	7698M		**
1200 x 400 x 23mm	**	**	**		**
1350 x 450 x 23mm	**	**	**		**
1500 x 500 x 23mm	**	**	**		**

— Not available

* ULTIMA+ dB Tiles = 52%, ULTIMA+ dB Planks = 37%

** 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
• Square Lay-In, Tegular, MicroLook 90							
0.65	0.25	0.35	0.55	0.80	0.90	0.95	α_p
• Planks							
0.55	0.35	0.40	0.50	0.60	0.75	0.85	α_p



EN ISO 10848-2 &
EN ISO 717-1

CAC
42 dB (Square Lay-In, Tegular, MicroLook 90)
44 dB (K2C2 / SL2 Planks)



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



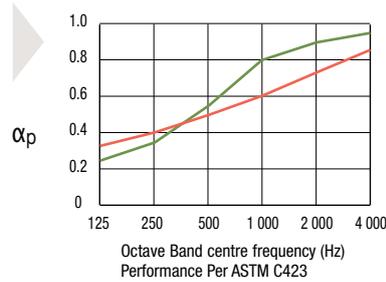
Conforms with BCA Spec. C1.10 and tested to AS/NZS 3837:1998
– Group 1, ISO 5660 – Group 1 –S



Thermal Insulation (R- Value)
0.28 m²K/W – Ultima+ dB
0.34 m²K/W – Ultima+ dB Planks



7.6 kg/m² (Square Lay-In, Tegular, MicroLook 90)
9.2 kg/m² (Planks)



Material

Wet-formed mineral fibre with DuraBrite™ acoustically transparent membrane

Surface Finish

DuraBrite with factory-applied latex paint with 'BioBlock™' mould/mildew inhibitor. 'Vacuum Paint – Hard Edge' treatment for Tegular and K2C2 edge panels

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

MAN		IEQ		ENE	MAT and Mat. Calc.				
Waste Management	Daylight Factor	Noise Levels	Emissions	Energy	Modular & Design for Disassembly	Level A Certified Product	Product Stewardship	EMS to ISO 14001	Recycled Content
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Ultima+ dB Ceilings are Certified under V3.1 of the Cradle to Cradle Product Standard and satisfy Section 26: Enhanced Materials Safety of the WELL Building Standard v1





Whiter
Brighter
Stronger

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