

# ULTIMA<sup>+</sup><sup>TM</sup>

ULTIMA<sup>+</sup>, ULTIMA<sup>+</sup> OP, ULTIMA<sup>+</sup> 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<sup>TM</sup> and Cradle to Cradle Certified<sup>TM</sup> for WELL Building Standard<sup>TM</sup> and Green Star<sup>TM</sup> contribution
- TOTAL ACOUSTICS<sup>TM</sup> 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<sup>®</sup>

**Armstrong<sup>®</sup>**  
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

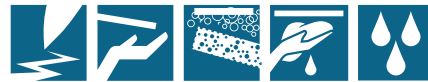
- ◆ Available in different **performance options**

**NRC up to 0.95**

**CAC up to 44dB**

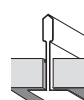
### Easy to install and maintain

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

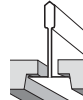


### A complete range of edges

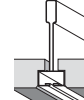
Square  
Lay In



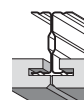
Tegular



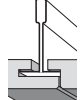
Microlook™ 90



K2C2



SL2



### 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

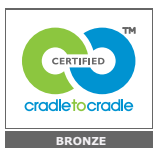
- ◆ For improved **appearance** and **durability**



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



## A bright Green solution



### Reduce Environmental Impact

- ◆ ULTIMA<sup>+</sup> 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

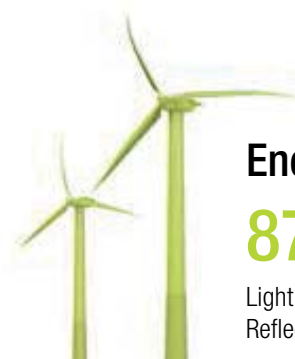


### Waste Management

**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.



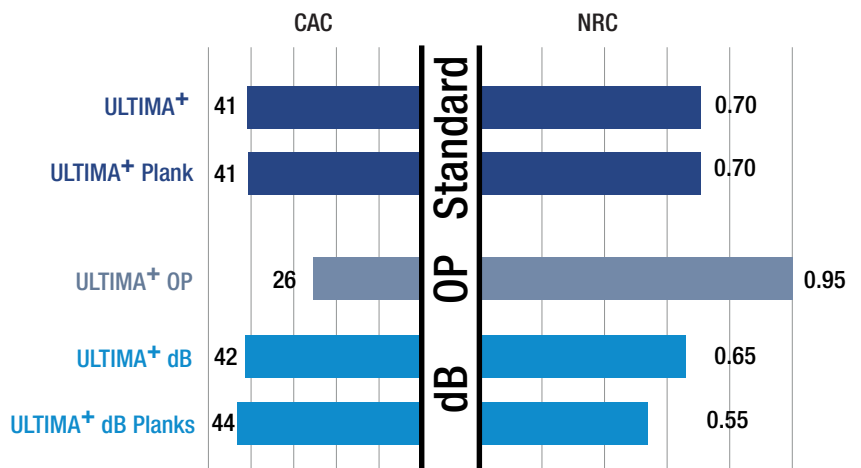
ULTIMA+™ ceilings provide the perfect **total acoustical balance**. High sound absorption combined with excellent sound attenuation make the product ideal for working and learning environments.



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<br>Conference rooms<br>Corridors | Open plan offices<br>Cafeterias    | Individual offices                  |
| Education        | Classrooms<br>Corridors                        | Libraries<br>Auditoriums           | Individual offices                  |
| Healthcare       | Administration Areas                           | Canteens<br>Nurses stations        | Consultation rooms<br>Patient rooms |
| Transport        | Waiting Areas                                  | Lounges                            |                                     |
| Retail & leisure | Department Stores<br>Shops                     | Cinemas<br>Theatres<br>Restaurants |                                     |



**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                  |
|-------------------|------------------------|-----------------------|--------------------------|---------------------------|----------------------------|
|                   | <br>Prelude™ 24mm Grid | <br>Prelude 24mm Grid | <br>Suprafine™ 15mm Grid | <br>Silhouette™ 15mm Grid | <br>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



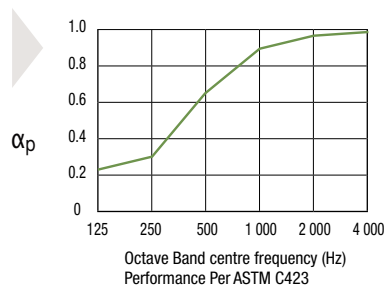
EN ISO 354 &  
EN ISO 11654

| NRC  | 125  | 250  | 500  | 1000 | 2000 | 4000 | Hz         |
|------|------|------|------|------|------|------|------------|
| 0.70 | 0.30 | 0.35 | 0.65 | 0.95 | 0.95 | 1.00 | $\alpha_p$ |



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<sup>+</sup>™ OP



**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                  |
|-------------------|------------------------|-----------------------|--------------------------|---------------------------|----------------------------|
|                   | <br>Prelude™ 24mm Grid | <br>Prelude 24mm Grid | <br>Suprafine™ 15mm Grid | <br>Silhouette™ 15mm Grid | <br>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 | $\alpha_p$ |



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



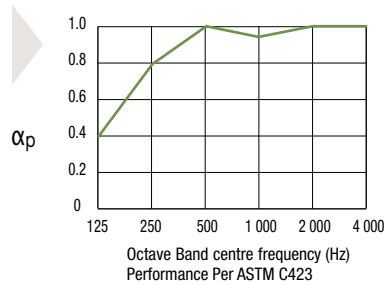
**Conforms with BCA Spec. C1.10 and tested to AS/NZS 3837:1998**  
– Group 1, ISO 5660 – Group 1 –S



**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<sup>+</sup>™ 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                  |
|-------------------|------------------------|-----------------------|--------------------------|---------------------------|----------------------------|
|                   | <br>Prelude™ 24mm Grid | <br>Prelude 24mm Grid | <br>Suprafine™ 15mm Grid | <br>Silhouette™ 15mm Grid | <br>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<sup>+</sup> dB Tiles = 52%, ULTIMA<sup>+</sup> 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 | $\alpha_p$ |
| • Planks                               |      |      |      |      |      |      |            |
| 0.55                                   | 0.35 | 0.40 | 0.50 | 0.60 | 0.75 | 0.85 | $\alpha_p$ |



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



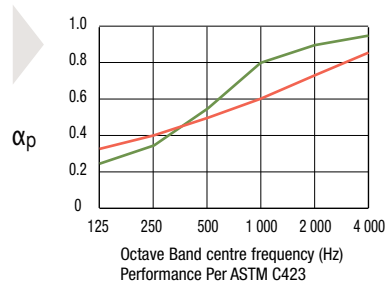
Conforms with BCA Spec. C1.10 and tested to AS/NZS 3837:1998  
– Group 1, ISO 5660 – Group 1 –S



Thermal Insulation (R- Value)  
0.28 m<sup>2</sup>K/W – Ultima<sup>+</sup> dB  
0.34 m<sup>2</sup>K/W – Ultima<sup>+</sup> dB Planks



7.6 kg/m<sup>2</sup> (Square Lay-In, Tegular, MicroLook 90)  
9.2 kg/m<sup>2</sup> (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

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## 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<sup>+</sup> 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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[www.armstrongceilings.com.au](http://www.armstrongceilings.com.au)

Email: [scentre@armstrongceilings.com](mailto:scentre@armstrongceilings.com)

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Facsimile (08) 7325 7566

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Telephone (08) 9271 0777  
Facsimile (08) 9272 2801

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