

? WANT TO LEARN MORE

For more information about **ULTIMA+** or any Armstrong products or services, contact us today!

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1800 409 002 (RoI)

Find out more at **www.armstrong-ceilings.co.uk**
www.armstrong-ceilings.ie

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MaxaSar - 03/2015 - PC1502 - Armstrong Building Products - RCS Besançon B 784 131 575.

ULTIMA+ brighten your space

CI/SFB

(35) XY

March 2015



ULTIMA+

Whiter, brighter,
high performance
ceilings for
enhanced
environments

WHITER
BRIGHTER
STRONGER

+ A new **smoother white** surface
for improved all-round **performance**

Visual comfort

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

87%

Acoustical comfort

- ◆ Available in different densities:
low, medium & high

$\alpha_w \leq 1.00$

Up to

43 dB

Healthy

- ◆ Excellent indoor air quality performances:

ISO 5
VOC A+

Easy to install & maintain

- ◆ Durable, scratch resistant finish
- ◆ Easier to clean surface



ULTIMA+

+ Edges

Re-engineered for a better fit and longer life

Better fit

◆ New MicroLook 90 edge detail for an **improved visual** finish on standard and designer grid such as Silhouette

Fully painted edges*

◆ For improved **appearance and durability**



Scratch resistant

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

A complete range of edges



WHITER
STRONGER
BETTER FIT



MicroLook 90 with SILHOUETTE






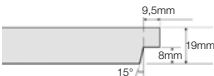

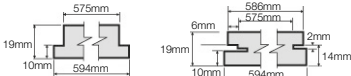


Vector edge detail (6 mm reveal)



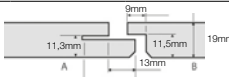
*Except Board tiles

+ A complete range of dimensions and edge details

ULTIMA+

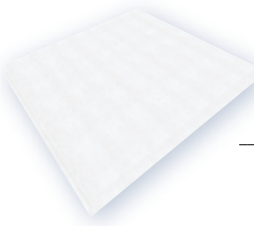




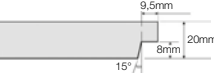
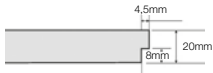
BOARD	TEGULAR	MICROLOOK 90	VECTOR
			
Prelude XL ² /TLX 24 mm Prelude Sixty ² 24 mm	Prelude XL ² /TLX 24 mm Prelude Sixty ² 24 mm	Prelude XL ² /TL 15 mm Silhouette XL ² 15 mm Interlude XL ² 15 mm	Prelude XL ² /TLX 24 mm Prelude Sixty ² 24 mm
			

Board & Tiles			
500 x 500 x 19 mm		7673 M	
600 x 600 x 19 mm	7661 M	7664 M	7674 M
625 x 625 x 19 mm	7661 D	7664 D	7674 D
675 x 675 x 19 mm	7662 M	7665 M	7675 M
300 x 1200 x 19 mm		7676 M	
600 x 1200 x 19 mm	7663 M	7666 M	7677 M
625 x 1250 x 19 mm	7663 D		

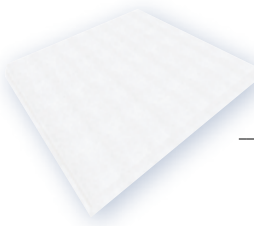





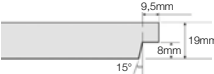

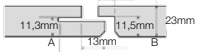
SL2	
	
Prelude Main Runner 24 mm Prelude Sixty ² Main Runner 24 mm	System Z
	

Planks	
300 x 1500 x 19 mm	7699 M
300 x 1720 x 19 mm	7700 M
300 x 1800 x 19 mm	7701 M
300 x 2500 x 19 mm	7702 M

ULTIMA+ OP

	BOARD	TEGULAR	MICROLOOK 90
			
	Prelude XL ² /TLX 24 mm Prelude Sixty ²	Prelude XL ² /TLX 24 mm Prelude Sixty ²	Prelude XL ² /TL 15 mm Silhouette XL ² 15 mm Interlude XL ² 15 mm
			
600 x 600 x 20 mm	7682 M	7678 M	7685 M
625 x 625 x 20 mm	7682 D	7678 D	7685 D
675 x 675 x 20 mm	7683 M	7679 M	7686 M
600 x 1200 x 20 mm	7684 M	7680 M	7687 M

ULTIMA+ dB

	BOARD	TEGULAR	MICROLOOK 90	SL2
				
	Prelude XL ² /TLX 24 mm Prelude Sixty ² 24 mm	Prelude XL ² /TLX 24 mm Prelude Sixty ² 24 mm	Prelude XL ² /TL 15 mm Silhouette XL ² 15 mm Interlude XL ² 15 mm	Prelude Main Runner 24mm Prelude Sixty ² Main Runner 24mm System Z
				

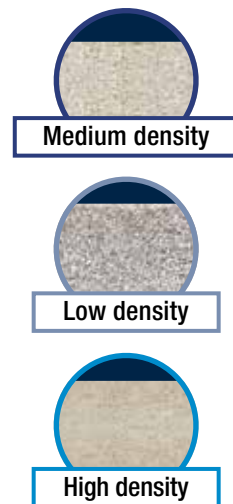
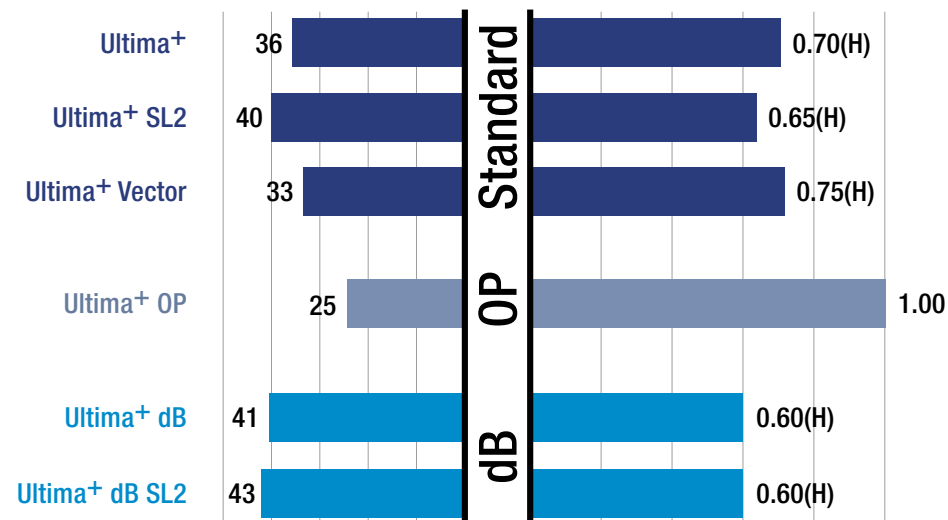
Board & Tiles			
600 x 600 x 19 mm	7688 M	7695 M	7697 M
625 x 625 x 19 mm	7688 D	7695 D	7697 D
675 x 675 x 19 mm	7689 M	7696 M	7698 M
600 x 1200 x 19 mm	7690 M		

Planks	
300 x 1500 x 23 mm	7691 M
300 x 1800 x 23 mm	7692 M
300 x 2500 x 23 mm	7693 M




+ A complete range of densities and performances

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



ULTIMA+

	α_w	NRC	125	250	500	1000	2000	4000	Hz
Sound Absorption  EN ISO 354 & EN ISO 11654	• Board, Tegular, MicroLook 90								
	0.70(H)	0.75	0.40	0.50	0.65	0.85	0.95	1.00	α_p
	• Vector								
	0.75(H)	0.75	0.35	0.55	0.65	0.80	0.95	0.90	α_p

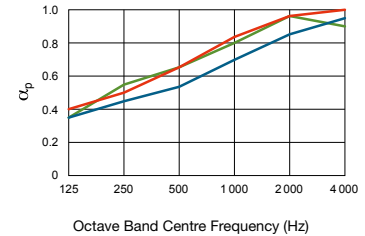
Sound Absorption Class = C




D_{nfw}
36 dB (Board, Tegular, MicroLook 90)
33 dB (Vector)
40 dB (SL2)



R_w
18 dB (Board, Tegular, MicroLook 90)

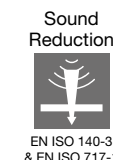


ULTIMA+ OP

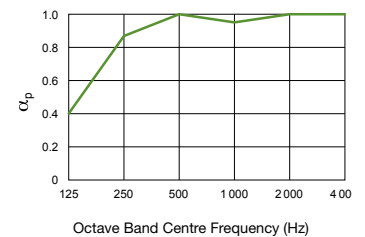
	α_w	NRC	125	250	500	1000	2000	4000	Hz
Sound Absorption  EN ISO 354 & EN ISO 11654	1.00	0.95	0.40	0.80	1.00	0.95	1.00	1.00	α
	Sound Absorption Class = A								




D_{nfw}
25 dB



R_w
10 dB



ULTIMA+ dB

	α_w	NRC	125	250	500	1000	2000	4000	Hz
Sound Absorption  EN ISO 354 & EN ISO 11654	• Board, Tegular, MicroLook 90								
	0.60(H)	0.65	0.25	0.35	0.55	0.80	0.90	0.95	α_p
	• SL2								
	0.60(H)	0.55	0.35	0.40	0.50	0.60	0.75	0.85	α_p

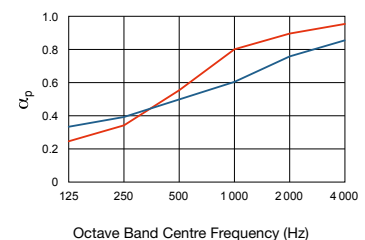
Sound Absorption Class = C



D_{nfw}
41 dB (Board, Tegular, MicroLook 90)
43 dB (SL2)



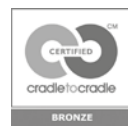
R_w
21 dB (Board, Tegular, MicroLook 90)



Recyclable



Recycled Content



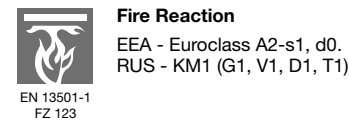
CRADLE TO CRADLE



VOC



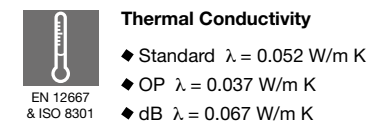
Light Reflectance



Fire Reaction



Fire Resistance



Thermal Conductivity



Humidity resistance



Weight



15 YEAR guarantee



30 YEAR system guarantee

ULTIMA+

+ A bright Green solution



ENHANCE INDOOR ENVIRONMENT

- ◆ Air quality: **VOC A+*, ISO 5**
- ◆ Visual comfort: light reflectance **87%**
- ◆ Acoustical comfort: OP, dB & Standard range with low, high and medium densities

$$\alpha_w \leq 1.00$$



Acoustical absorption
Class A



REDUCE ENVIRONMENTAL IMPACT

- ◆ World first full range **C2C certified***
- ◆ **VOC A+***, ultra-low emissions
- ◆ High recycled content (up to 64%)
- ◆ 100% recyclable
- ◆ Green Certifications:
Ska, LEED®, BREEAM, FDES/HQE...



WASTE MANAGEMENT

RECYCLABLE (100%)

End-of-Life recycling programme:

We offer a free collection programme for refurbishment / strip out projects, for ALL mineral fibre ceiling tiles – making ceiling recycling easier than ever.

The ceiling tiles are 100% recycled into the mix and are processed into new ceiling tiles.

Off-Cut recycling programme:

We also offer an Off-Cut recycling programme that diverts waste during the installation process from going to landfill.



ENERGY SAVING

$$87\% = 16\%$$

Light Reflectance

Cost savings
with indirect
lighting**



*Except Vector tiles.

**In accordance with the Brinjac Engineering Study, 2006