

PERLA

PERLA, PERLA OP 0.95,
PERLA OP 1.00, PERLA dB

KEY SELECTION ATTRIBUTES

- One stylish, contemporary visual available with a range of acoustical performance
- Improved durability with a new complete range of edge details
- A full range with C2C bronze certification
- Excellent indoor air quality
- 30 Year system guarantee



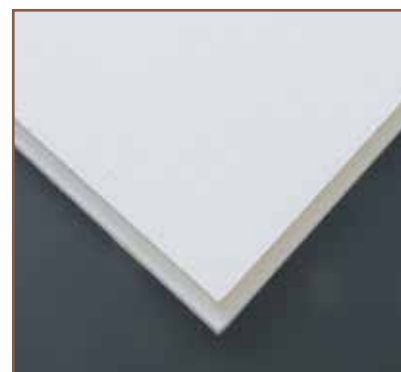


OFFICE - BPM Vita Milano (IT)

TECH ZONE WITH PERLA OP PLANKS

Contemporary visual

- Plain, smooth, low gloss and flat textured surface, providing a monolithic visual with easy access to the plenum.
- Best in class edge details for improved durability, better fit and appearance:
 - New MicroLook 90 detail
 - Fully painted edge
- Compatible with TechZone Ceiling Systems:
 - Armstrong TechZone offers a unique solution to design technical zones with the guaranteed integration of market leading service elements.



Achieve green building credits



Cradle-to-Cradle
Bronze certified



Excellent indoor air quality:

- Lowest emission class: VOC A+
- Low airborne particles:
Clean Room ISO 5



Energy saving high light reflectance
surface



High recycled content and fully
recyclable (Armstrong recycling
programme)



Excellent acoustical comfort with several choices
of performance (improved indoor environmental
quality of a space relative to its functionality)

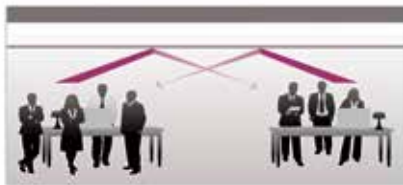
One visual with a complete range of acoustic performance to fit every space and need



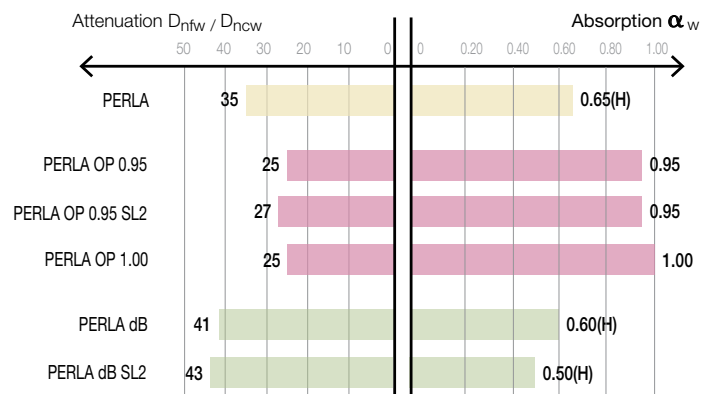
- **PERLA** provides the perfect **acoustical balance**. High sound absorption combined with excellent sound attenuation make the product ideal for working and learning environments (conference rooms, classrooms...).



- **PERLA dB** provides 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 (individual offices, hospital consultation rooms, patient rooms...).



- **PERLA OP 0.95** and **PERLA OP 1.00** provide an excellent **sound absorption**. These products are ideal for open plan spaces where control of ambient noise is an important consideration (open plan offices, call centres, libraries, cafeterias...).



Typical applications

	Office	Education	Healthcare	Transport	Retail & leisure
PERLA	Meeting rooms Conference rooms Corridors	Classrooms Corridors	Administration areas	Waiting areas	Department stores Shops
PERLA OP 0.95 PERLA OP 1.00	Open plan offices Cafeterias	Libraries Auditoriums Canteens	Nurses stations	Lounges	Cinemas /Theatres Restaurants
PERLA dB	Individual offices	Individual offices	Consultation rooms Patient rooms		

Product and system reliability / Peace of mind



Washable with a damp sponge with mild detergent diluted in warm water



30 year system guarantee when used with Armstrong suspension systems



Easy handling and durable product allowing frequent ceiling removal for servicing equipment



15 year product guarantee

PERLA



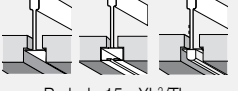

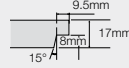
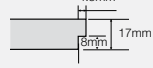


Recycled Content

Light Reflectance

VOC A+

PERLA

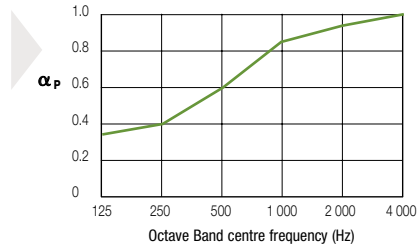
	BOARD	TEGULAR	MICROLOOK 90
	 <p>Prelude 24 - XL²/TLX Prelude 24 Sixty² - XL²/TLX</p>	 <p>Prelude 24 - XL²/TLX Prelude 24 Sixty² - XL²/TLX</p>	 <p>Prelude 15 - XL²/TL Silhouette 6mm - XL² Interlude HRC - XL²</p>
			
Tiles			
600 x 600 x 17 mm	2801 M	2803 M	2805 M
625 x 625 x 17 mm	2801 D	2803 D	2805 D
1200 x 600 x 17 mm	2802 M		
1250 x 600 x 17 mm	2802 D		



EN ISO 354 &
EN ISO 11654

α_w	NRC	125	250	500	1000	2000	4000	Hz
0.65 (H)	0.70	0.35	0.40	0.60	0.85	0.95	1.00	α_p

Sound Absorption Class = C



EN ISO 10848-2
& EN ISO 717-1

D_{nfw}
35 dB



EN ISO 140-3
& EN ISO 717-1

R_w
18 dB



EEA Euroclass A2-s1,d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123



EN 12667
& ISO 8301

$\lambda = 0.052 \text{ W/m K}$



ISO 14644-1

ISO 5



95 % RH



15 YEAR
guarantee



30 YEAR
system
guarantee



4.7 kg/m²

www.armstrong.eu

PERLA OP 0.95



Recycled Content

Light Reflectance

VOC A+

PERLA OP 0.95

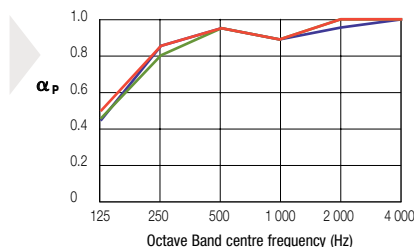
	BOARD	TEGULAR	MICROLOOK 90	SL2
Tiles				
600 x 600 x 15 mm	3819 M	5173 M	5174 M	
625 x 625 x 15 mm	3819 D	5173 D	5174 D	
675 x 675 x 15 mm	3820 M	5175 M	5176 M	
1200 x 600 x 15 mm	3821 M	5177 M	5178 M	
600 x 600 x 18 mm	2880 M	2882 M	5179 M	
625 x 625 x 18 mm	2880 D	2882 D	5179 D	
1200 x 600 x 18 mm	2881 M			
Planks				
1500 x 600 x 18 mm	3092 M			
1800 x 600 x 18 mm	3093 M			
1500 x 300 x 18 mm				3094 M
1800 x 300 x 18 mm				3096 M



EN ISO 354 & EN ISO 11654

α_w	NRC	125	250	500	1000	2000	4000	Hz
0.95	0.90	0.45	0.80	0.95	0.90	1.00	1.00	α_p
0.95	0.90	0.50	0.85	0.95	0.90	1.00	1.00	α_p
0.95	0.90	0.45	0.85	0.95	0.90	0.95	1.00	α_p

Sound Absorption Class = A



EN ISO 10848-2 & EN ISO 717-1

D_{nfw}	27 dB (Planks SL2)	25 dB (Tiles, Planks Board)
-----------	--------------------	-----------------------------



EN ISO 140-3 & EN ISO 717-1

R_w	12 dB (Tiles 15 mm)	10 dB (Tiles 18 mm)
-------	---------------------	---------------------



EEA	Euroclass A2-s1,d0
-----	--------------------

EN 13501-1

RUS	KM1 (G1, V1, D1, T1)
-----	----------------------

FZ 123



EN 12667 & ISO 8301

λ	0.036 W/m K (15 mm)
λ	0.037 W/m K (18 mm)



ISO 14644-1

ISO 5



95 % RH



15 YEAR guarantee



30 YEAR system guarantee



2.4 kg/m² (Tiles 15 mm)
2.9 kg/m² (Tiles 18 mm)
3.3 kg/m² (Planks)

*Tiles 15 mm: 52 % - Tiles 18 mm: 36 % - Planks: 18 %

www.armstrong.eu

PERLA OP 1.00



Recycled Content

Light Reflectance

VOC A+

PERLA OP 1.00

BOARD

TEGULAR

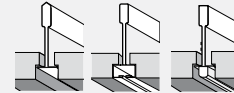
MICROLOOK 90



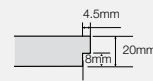
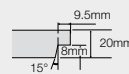
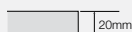
Prelude 24 - XL²/TLX
Prelude 24 Sixty² - XL²/TLX



Prelude 24 - XL²/TLX
Prelude 24 Sixty² - XL²/TLX



Prelude 15 - XL²/TL
Silhouette 6mm - XL²
Interlude HRC - XL²



Tiles

600 x 600 x 20 mm

3861 M

3866 M

2097 M4

675 x 675 x 20 mm

3862 M

3867 M

2098 M4

1200 x 600 x 20 mm

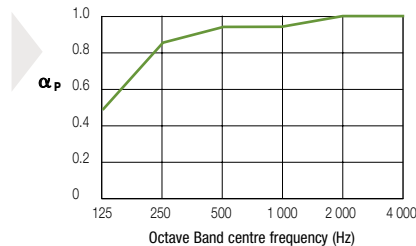
3863 M



EN ISO 354 &
EN ISO 11654

α_w	NRC	125	250	500	1000	2000	4000	Hz
1.00	0.95	0.50	0.85	0.95	0.95	1.00	1.00	α_p

Sound Absorption Class = A



EN ISO 10848-2
& EN ISO 717-1

D_{nfw}
25 dB



EN ISO 140-3
& EN ISO 717-1

R_w
12 dB



EEA Euroclass A2-s1,d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123



EN 12667
& ISO 8301

$\lambda = 0.037 \text{ W/m K}$



ISO 14644-1

ISO 5



95 % RH



3.4 kg/m²

www.armstrong.eu

PERLA dB



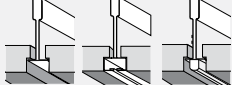
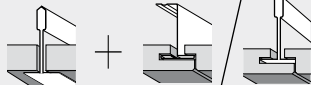
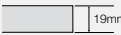
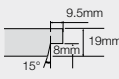
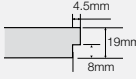
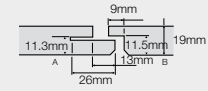


Recycled Content

Light Reflectance

VOC A+

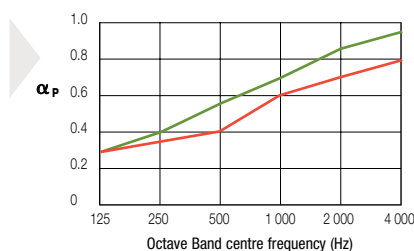
PERLA dB

	BOARD	TEGULAR	MICROLOOK 90	SL2
	 Prelude 24 - XL ² /TLX Prelude 24 Sixty ² - XL ² /TLX	 Prelude 24 - XL ² /TLX Prelude 24 Sixty ² - XL ² /TLX	 Prelude 15 - XL ² /TL Silhouette 6mm - XL ² Interlude HRC - XL ²	 Prelude 24 + Z bar / Prelude 24 Straight Cut Prelude 24 Sixty ² + Z bar / Prelude 24 Straight Cut
				
Tiles				
600 x 600 x 19 mm	3191 M	3192 M	2095 M	
675 x 675 x 19 mm			2096 M	
Planks				
1500 x 300 x 19 mm				3797 M
1800 x 300 x 19 mm				3798 M
2500 x 300 x 19 mm				3799 M



EN ISO 354 &
EN ISO 11654

α_w	NRC	125	250	500	1000	2000	4000	Hz
• Tiles								
0.60(H)	0.65	0.30	0.40	0.55	0.70	0.85	0.95	α_p
Sound Absorption Class = C								
• Planks								
0.50(H)	0.50	0.30	0.35	0.40	0.60	0.70	0.80	α_p
Sound Absorption Class = D								



EN ISO 10848-2
& EN ISO 717-1

D_{nfw}	
43 dB (Planks)	
41 dB (Tiles)	



EN ISO 140-3
& EN ISO 717-1

R_w	
21 dB (Tiles)	



EEA	Euroclass A2-s1,d0
EN 13501-1	

RUS	KM1 (G1, V1, D1, T1)
FZ 123	



EN 12667
& ISO 8301

$\lambda = 0.067 \text{ W/m K}$



ISO 14644-1

ISO 5



95 % RH



15 YEAR
guarantee



30 YEAR
system
guarantee



7.6 kg/m²

www.armstrong.eu

WESTERN EUROPE

Belgium & Luxembourg

Armstrong Building Products B.V.
Bureaux Commerciaux Belgique
Postbus 3803
4800 DV Breda
Nederland
Tel.: (+32) 02 223 00 72
Fax: (+31) 076 521 04 07
e-mail: benelux-info@armstrong.com
www.armstrong-plafonds.be

Germany & Switzerland

Armstrong Building Products
Kundenservice
Office Building Quadrium
Claudius Prinsenlaan 126
4818 CP Breda
Niederlande
Tel.: (+49) 0251 7603 210
Fax: (+49) 0251 7603 593
e-mail: deutsche-info@armstrong.com
www.armstrong-decken.de
www.armstrong-decken.at
www.armstrong.ch

Armstrong Metalldecken AG
Breitfeldstrasse 8
9015 St. Gallen
Switzerland
Tel.: +41 (0) 71 313 63 63
Fax: +41 (0) 71 313 64 00

Zentralschweiz
Armstrong Metalldecken AG
Büro / Lager Zentralschweiz
Grossweid 9
CH-6026 Rain
Tel.: +41 (0) 41 921 63 63
Fax: +41 (0) 41 921 63 80

Suisse Romande
Armstrong Plafonds Métalliques SA
Bureau Suisse Romande
3, rue Gustave-Monynier
CH-1202 Genève
Tel.: +41 (0) 22 731 60 70
Fax: +41 (0) 22 731 60 74

Austria

Armstrong Metalldecken GmbH
Bundesstrasse 70
A-6830 Rankweil
Tel.: +43 (0) 55 22 34 44-0
Fax: +43 (0) 55 22 34 44-8

Armstrong Metalldecken GmbH
Messendorferstrasse 6
A-8041 Graz
Tel.: +43 (0) 31 64 71 584
Fax: +43 (0) 31 64 71 584-10

Spain & Portugal

Armstrong Building Products SAS
Immeuble Paryseine
3, allée de la Seine
94854 Ivry-sur-Seine Cedex
France – Alcobendas Madrid
Tel.: (+34) 91 642 04 99
e-mail: info-espana@armstrong.com
www.armstrong.es/techos

France & French Speaking Africa

Armstrong Building Products SAS
Bureaux Commerciaux France
Immeuble Paryseine
3 Allée de la Seine
94854 Ivry-sur-Seine
Tel.: 0800 41 36 43
Fax: (+33) 1 45 21 04 11
e-mail: info-france@armstrong.com
www.armstrong.fr/plafonds

Siège social
Armstrong Building Products SAS
67 rue de Salins – CS 20089
25302 Pontarlier Cedex
France

Italy & Greece

Armstrong Building Products
Ufficio Commerciale Italia
Immeuble Paryseine
3 Allée de la Seine
94854 Ivry-sur-Seine
Francia
Tel.: (+39) 02 66 22 76 50
Fax: (+39) 02 66 20 14 27
e-mail: info-italia@armstrong.com
www.armstrong-soffitti.it
www.armstrong.eu

Netherlands

Armstrong Building Products B.V.
Verkoopkantoor Nederland
Postbus 3803
4800 DV Breda
Nederland
Tel.: (+31) 076 52 30 200
Fax: (+31) 076 521 04 07
e-mail: benelux-info@armstrong.com
www.armstrong.nl/plafonds

United Kingdom

Armstrong World Industries Ltd
Building Products Division
Armstrong House
38 Market Square
Uxbridge UB8 1NG
Tel.: 0800 371 849
Fax: (+44) 1895 274287
e-mail: sales-support@armstrong.com
www.armstrong-ceilings.co.uk

Republic of Ireland

Armstrong World Industries Ltd.
108 Greenlea Road
Terenure
Co Dublin 6W
Ireland
Tel.: 1800 409002
Tel.: (+353) 1 499 1701
Fax: (+353) 1 490 7061
e-mail: sales-support@armstrong.com
www.armstrong-ceilings.ie

CENTRAL EUROPE NORTH

(DK/EE/FIN/IS/LT/LV/N/PL/S)

Armstrong Building Products BV
Sp. z o.o. Oddział w Polsce
ul. Domaniewska 37
02-672 Warszawa
Poland
Tel.: (+48) 22 337 86 10/ 86 11
Fax: (+48) 22 337 86 12
e-mail: service-ce@armstrong.com
Latvia: www.armstrong.lv
Lithuania: www.armstrong.lt
Norway: www.armstrong.no
Poland: www.armstrong.pl
Sweden: www.armstrong.se

CENTRAL EUROPE SOUTH

(AL/BA/BG/CZ/HR/HU/KO/MD/ME/MK/RO/RS/SK/SI)

Armstrong Building Products
Lighthouse building,
Jankovcova 1569/2c,
170 00 Praha 7,
Czech Republic
Tel.: +420 234 700 543
e-mail: service-ce@armstrong.com
Czech Republic: www.armstrong.cz
Hungary: www.armstrong.co.hu
Romania: www.armstrong.ro
Serbia: www.armstrong.rs
Slovakia: www.armstrong.sk
Slovenia: www.armstrong.si

EASTERN EUROPE

CIS

Armstrong Moscow GmbH
Park Place, office E502
113/1, Leninsky Prospekt
Moscow 117198
Russia
Tel.: (+7) 495 956 5100
Fax: (+7) 495 956 5101
e-mail: info-cis@armstrong.com
Russian Federation: www.armstrong.ru

MIDDLE EAST / AFRICA / TURKEY

Armstrong World Industries Ltd Africa Middle East Turkey Division

Armstrong House
38 Market Square
Uxbridge UB8 1NG
Tel.: (+44) 01895 202097
Fax: (+44) 01895 272928
e-mail: sales-support@armstrong.com
www.armstrong.eu
Israel: www.armstrong.co.il
South Africa: www.armstrong-ceilings.co.za

Dubai | United Arab Emirates

Armstrong World Industries JLT
Office No. 2003, 20th Floor
Gold Crest Executive Tower
Jumeirah Lakes Towers
P.O. Box 73831
Dubai, U.A.E.
info-me@armstrong.com
www.armstrong.ae

Turkey

Armstrong Europa GmbH
Mimar Sinan Mah. Mimar Sinan
Cad. No: 35/2 Cekkemekoy
Istanbul
Turkey
Gsm: +90 542 772 49 22
Gsm: +90 544 293 5931
www.armstrong.com.tr
etulpar@armstrong.com