

PERLA™ OP



PERLA™ OP Square Edge with PeakForm™ Prelude™ XL 24mm Exposed Tee Grid

BENEFITS

- Ideal for open plan spaces where control of ambient noise is an important consideration
- Excellent sound absorption for reduced reverberation and quieter spaces
- Sustainable Contribution
 - Global GreenTag^{CERT}™ GreenRate™ Level A Certified for Green Star™
 - Cradle to Cradle Certified™ Bronze for WELL Building Standard™
- Reinforced, scratch resistant scrim face with 'Vacuum Paint – Hard Edge' treatment for easier handling and longer life
- Smoother whiter surface with high light reflective finish for a brighter space
- Complete range of edge details
- Humiguard™ Plus RH99 Sag Resistance
- ISO 5 Clean Room Performance

APPLICATION AREAS

- Open Plan offices
- Cafeterias
- Libraries
- Auditoriums
- Canteens
- Nurses Stations
- Lounges
- Cinemas/Theatres
- Restaurants



Inspiring Great Spaces®

Armstrong®
CEILING SOLUTIONS

PERLA™ 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
	Prelude™ 24mm Grid	Prelude 24mm Grid	Suprafine™ 15mm Grid Silhouette™ 15mm Grid	One Way / Modular Grid
600 x 600 x 15mm	3819M	5173M	5174M	—
1200 x 600 x 15mm	3821M	—	—	—
1200 x 600 x 18mm	**	5183M	**	**
1200 x 400 x 18mm	**	**	**	**
1350 x 450 x 18mm	**	**	**	**
1500 x 500 x 18mm	**	**	**	**

— Not available

* 15mm Tiles: 52%, 18mm Tiles: 23%, 18mm Planks: 20%

** Special items and other sizes available upon request



EN ISO 354 &
EN ISO 11654

NRC	125	250	500	1000	2000	4000	Hz
● Tiles (15mm)							
0.90	0.45	0.80	0.95	0.90	1.00	1.00	α _p
● Tiles, Planks (18mm)							
0.90	0.50	0.85	0.95	0.90	1.00	1.00	α _p
● K2C2 Planks							
0.90	0.45	0.85	0.95	0.90	0.95	1.00	α _p



EN ISO 10848-2 &
EN ISO 717-1

CAC (Tested Dnfw values)							
25 dB (15mm tiles, 18mm tiles)							
27 dB (18mm 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



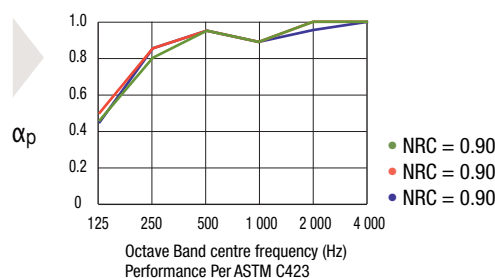
Thermal Insulation (R- Value)
0.42 m²K/W (15mm)
0.50 m²K/W (18mm)



2.4 kg/m² (Tiles 15mm)
2.9 kg/m² (Tiles 18mm)
3.4 kg/m² (K2C2 Planks)

Contact your local Armstrong Ceilings representative for stock availability

NB: Perla OP is also available in 20mm thickness: NRC 0.95



Material

Wet-formed mineral fibre with durable acoustically transparent membrane

Surface Finish

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 Interiors v1.1 / Design & As Built v1.2

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 21D / 21D SUSTAINABLE PRODUCTS – "Level A" Third Party Certification	Credit 22 / 22 CONSTRUCTION AND DEMOLITION WASTE
✓	✓	✓	✓	✓	✓

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