

CEILING SYSTEMS

[Between us, ideas become reality.]



Orcal Canopy

KEY SELECTION ATTRIBUTES

- Canopies can be used to define spaces, accentuate an area, provide focus and create ceiling sculptures
- Visual comfort thanks to high light reflectance
- Acoustical comfort thanks to a very good sound absorption
- For new or retrofit installation
- Installation is fast and simple - no special tools are required
- Easy to order kits provide all the necessary accessories

A COMPLETE RANGE OF CANOPIES



Ultima Canopy, Concave and Convex mineral curved panels.
1905 x 1180 x 32 mm



Infusions Canopy, Concave and Convex resin curved panels.
Full range of colours available.
1525 x 610 or 1830 x 610 mm

More functional Orcal Canopies, such as Orcal lighting Canopy, will soon be available.
For more information on the Canopy range, please contact your Internal technical sales.

PHYSICAL DATA



Item Number	BP 3036M	BP 3037M	BP 3035M
Dimensions	1890 x 1180 x 40 mm		
Colour	White (RAL9010)		
Edge detail	Curved (concave/convex): 45° angle/40mm vertical upstand Flat : 45° angle		
Surface/finish	Extra microperforated with enclosed pad		

Sound absorption - Sabine/m² 1.24 (1 kHz)

Scratch resistance Yes

Humidity resistance 90% RH

Fire reaction A2-s2, d0 (EN 13964:2004)

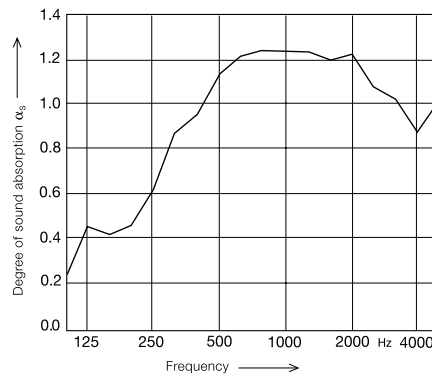
Light reflectance 85%

Weight Flat: 35.6 kg
Curved (concave/convex) : 39.2 kg

Recycled content ≤ 40%

ACOUSTICAL DATA

- Orcal Canopies are extra microperforated and provided with a 20mm thick pad (25kg/m³) with one-sided fibreglass fleece.
- Each canopy has a visible face area of approximately 2.23m² (1.89x1.18) and each canopy provides nearly 3 Sabines (2.76) of sound absorption at 1kHz which is equivalent to 1.24 sabines per m².



RECOMMENDATIONS

- Orcal Canopies should always be installed in accordance with all applicable building codes and regulations.
- Orcal Canopies should only be installed on a horizontal plane. They are not approved for exterior installations.
- Orcal Canopy kits should always be installed by a minimum of 2 people.
- Read the installation instructions included in the carton carefully before starting the installation.

United Kingdom
Republic of Ireland
Armstrong World Industries Ltd.
Building Products Division
Armstrong House
38 Market Square
Uxbridge UB8 1NG
0800 371849 (UK)
1800 409002 (ROI)
Fax: 00 44 (0) 1895 274287
www.armstrong-ceilings.co.uk
sales-support@armstrong.com
Please visit www.armstrong-europe.com for other countries.

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For technical reasons in printing, differences may appear between colours printed in this brochure and the actual product. The choice of colours should always be made from a sample of the product.

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Armstrong

Create, Accentuate, Define

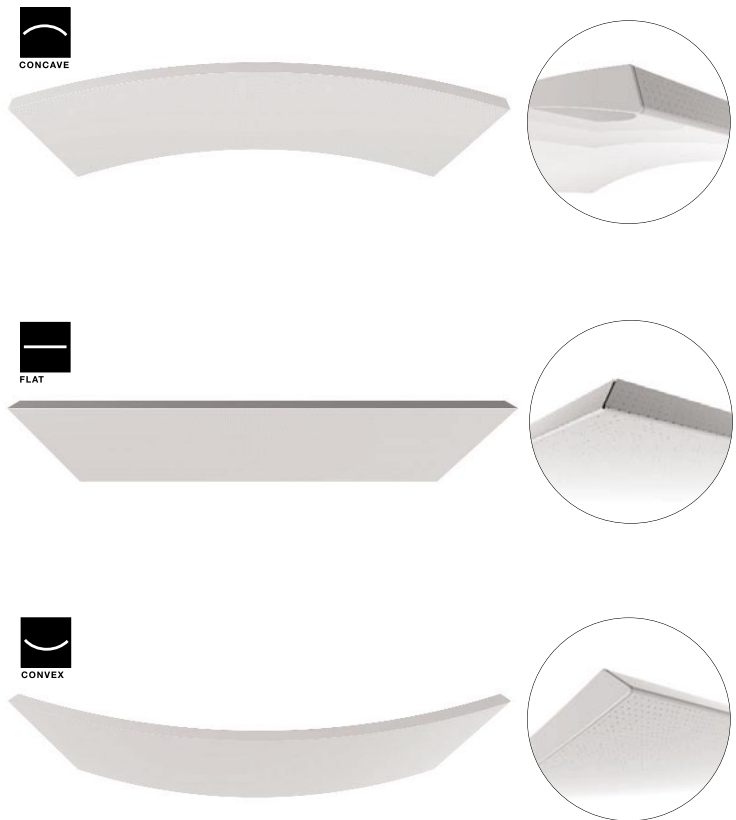
ORCAL CANOPIES are the newest addition to Armstrong's extensive range of discontinuous ceilings and canopies. These canopies come in three different designs (flat, concave and convex) and give the designer or specifier the ability to:

- Create spaces or areas within larger spaces or rooms, adding definition and local acoustic comfort (speech intelligibility) to an area or working zone.
- Provide a high level of design flexibility as the canopies come in three different designs and can be used independently or as groups and arrays.

The panels come as standard with a high durability paint finish making them easy to clean and maintain.

The canopies have an Extra Microperforation pattern that gives them the advantage of providing a clean monolithic visual combined with good acoustical and light reflectance performance.

The canopy is fully enclosed ensuring that if the reverse face is visible it fully compliments the design.



Enhance Acoustics - Improve your Environment

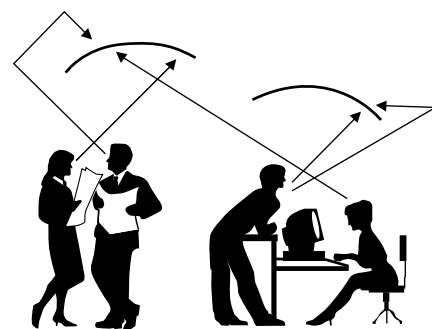
Good acoustics help improve the working environment. Orcal Canopy offers excellent sound absorption for both open spaces and individual working areas. Each canopy has a visible face area of approximately 2.23m^2 (1.89×1.18) and each canopy provides nearly 3 Sabines (2.76) of sound absorption at 1kHz which is equivalent to 1.24 Sabines per m^2 .

By providing sound absorption Orcal Canopies help to:

- Reduce reverberation time
- Reduce noise level
- Increase speech intelligibility

Panels also act as partial sound reflectors in a space.

In addition to the acoustical benefits to the environment, ORCAL CANOPIES allow designers to adopt energy efficient building designs, offer good light reflectance to minimise the need for artificial lighting and are easily recyclable at the end of their service life.





Orcal Concave Canopy ▲

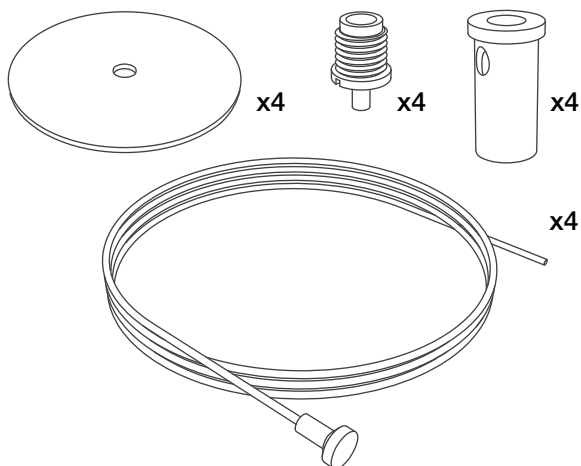
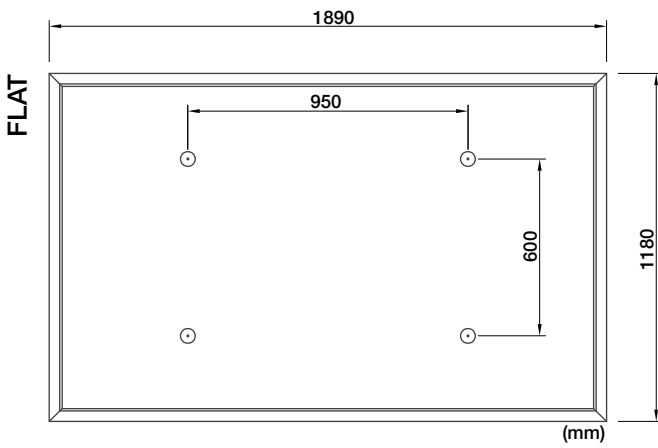
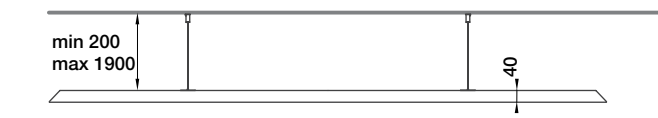
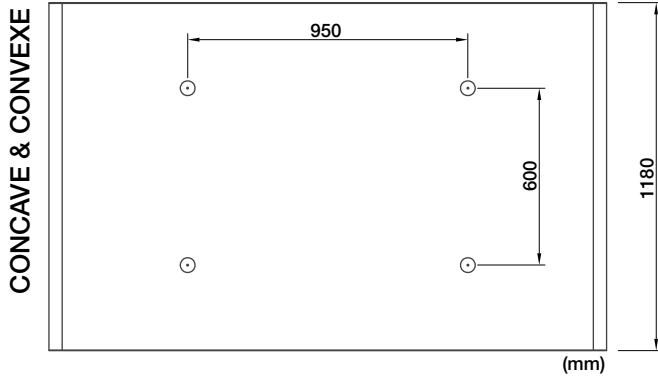
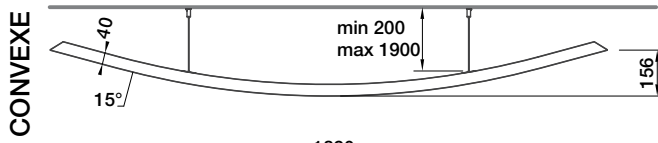
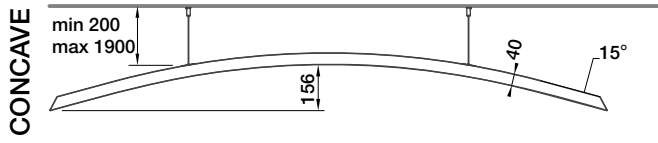


▲ Orcal Flat Canopy

Easy to install

ORCAL CANOPIES are easy to install:

- The hanging system is included with the canopy in the box.
- The suspension system is designed to make installation and height adjustment straightforward.



Metal Canopy

