

AC/137

Tuesday, 24 May 2016



Armstrong launches an even sounder offer to acoustics

Armstrong Ceilings has launched Perla OP dB - a tile combining two criteria of acoustic performance.

A premium ceiling tile which takes acoustic performance to new heights has been launched by Armstrong.

The new [Perla OP dB](#) 40mm mineral tile combines the high sound absorption of Armstrong's OP range with the high sound attenuation of its dB range for ultimate acoustic flexibility.

Its launch is designed to help specifiers particularly in the education sector to reduce the amount of sound transferred from traffic routes to learning areas and also to reduce the noise of rain on lightweight roof constructions, an issue also encountered in the office sector. In this area, using the Perla OP dB tile shows a 20dB improvement compared to roof-only construction

It is therefore recommended for use in open-plan and closed-plan spaces where acoustics cannot be compromised, and in particular for spaces such as music rooms, corridors and classrooms, and individual offices and meeting rooms next to open spaces.

Performing to sound absorption Class A ($a_w = 0.90$), sound attenuation Dnfw 40 dB and sound reduction (single-pass) R_w 20 dB, the Perla OP dB tile can be mixed with Perla, Perla OP 0.95, Perla OP 1.00 and Perla dB tiles to solve specific acoustic requirements while maintaining the same visual.

Comprising 36% recycled content and fully recyclable, it is available as Perla OP dB board in 600mm x 600mm and 1200mm x 600mm, Tegular 600mm x 600mm and MicroLook 90 600mm x 600mm.

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In addition, the stylish, contemporary Perla OP dB tile provides high light reflectance of 85%, reducing the number of artificial lighting units required, as well as ultra-low VOC emissions for excellent indoor air quality, ISO 5 cleanroom classification and humidity resistance to 95%.

Also featuring the new MicroLook 90 edge detail for improved durability, fit and visual, it is available with a 30-year system warranty when installed with Armstrong suspension systems.

The Perla OP dB board tile is available as [a BIM file](#) from the National BIM library.

For more information on the new Perla OP dB tile please call technical sales on 0800 371849, email sales-support@armstrong.com or visit the website at www.armstrongceilings.co.uk.

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