

Coffered Direct Fix Tile

—
An understated acoustic tile for walls + ceilings available
in a range of sizes, colours + prints





PRODUCT Ecoustic® Coffered Direct Fix Tile

DESCRIPTION Ecoustic® Coffered is a high-performance acoustic tile direct fixed to wall or ceiling surfaces, available in two depths, 50 + 100, three tile sizes and a wide range of colours + prints

DIMENSIONS 3x3 Tile: 300mm (w) x 300mm (h)
6x6 Tile: 600mm (w) x 600mm (h)
9x3 Tile: 900mm (w) x 300mm (h)
Depths: 50mm (d) or 100m (d)

COMPOSITION 100% PET (60% recycled PET)

ACOUSTIC NRC 0.95 / α_w 0.85 / SAA 0.94

FIRE TEST AS/ISO 9705 Group 1
SMOGR <100
NZBC Group 1-S

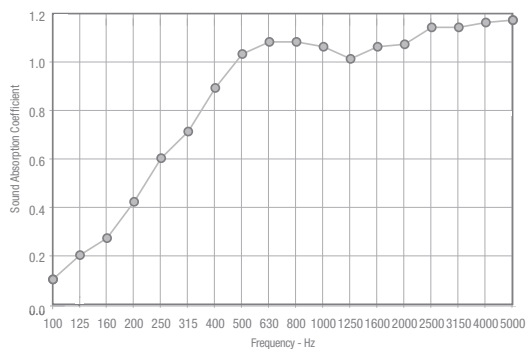
ASTM E84 12mm: Class A

APPLICATION Wall or ceiling tiles

ORIGIN Designed + made in Australia

WARRANTY A 12 month warranty is provided against manufacturing defects. This applies to internal installation only, outdoor use will void any warranty

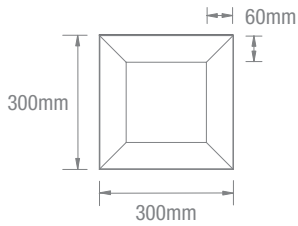
Please contact your representative for CAD drawings



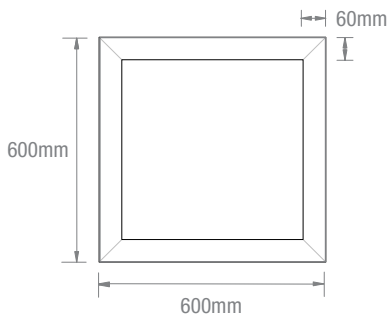
HOW TO SPECIFY	
DESIGN	Ecoustic® Coffered Direct Fix
TILE SIZE	3x3 Tile, 6x6 Tile, 9x3 Tile
DEPTH	50mm or 100mm nominal
COLOUR - FRAME	Select from: Ecoustic® SC Panel 12mm colours Ecoustic® Timbre print Ecoustic® Timbre Point print
COLOUR - BACK	Select from: Ecoustic® SC Panel 12mm colours Ecoustic® Timbre print Ecoustic® Timbre Point print Frame and Back components may be specified in different colourways

Front View

COFFERED DIRECT FIX 3x3



COFFERED DIRECT FIX 6x6

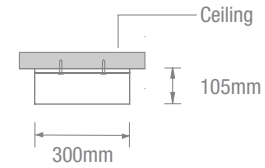


COFFERED DIRECT FIX 9x3

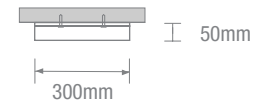


Side View

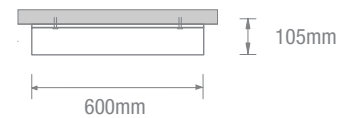
COFFERED DIRECT FIX 3x3-100



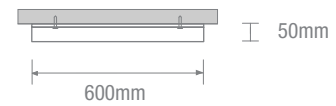
COFFERED DIRECT FIX 3x3-50



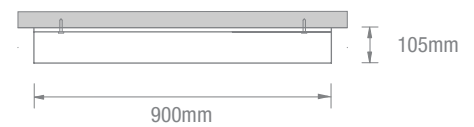
COFFERED DIRECT FIX 6x6-100



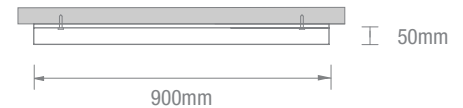
COFFERED DIRECT FIX 6x6-50



COFFERED DIRECT FIX 9x3-100



COFFERED DIRECT FIX 9x3-50



IMPORTANT

Moisture Absorption: After four days at 50°C, 95% RH the moisture absorbency of SC 12mm was less than 0.3% by weight. As Ecoustic® Coffered Direct Fix is 100% polyester, it will not degrade over time due to moisture, mildew or rot in office environments.

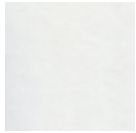
Fixtures: Any fixture must be supported independent to the Ecoustic® Coffered Direct Fix tile. The tiles can be cut on site to accommodate for new and existing lighting and fixtures. When cutting use a new blade for each cut and ensure the area to be cut is fully supported. Cut the tile face with care.

Back Loading: Ecoustic® Coffered Direct Fix is not suitable for back loading. Fixture loads must be supported independently from the tile.

Toxicity: Polyester is non-toxic and is classed the same as wood under the State of New York Article 15 Part 1120. Ecoustic® Coffered Direct Fix does not contain any Red List Chemicals (USA EPA).

Coffered Direct Fix Tile Colours + Prints

Solid Colour 12mm



Snowdrop



Ecru



Almond



Horizon



Fawn



Truffle



Sand



Buff



Dusk



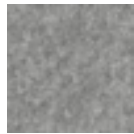
Kiln



Oxide



Cool



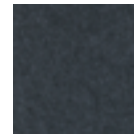
Atom



Cirrus



Tungsten



Galaxy



Cave



Olive



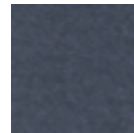
Isle



Azure



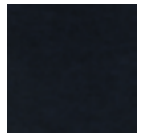
Wild



Denim



Jay



Night

Timbre Print



Nordic



Maine



Rural



Heritage



Artisan



Smoked



Urban

Timbre Point Print



Nordic WD



Maine WD



Rural BD



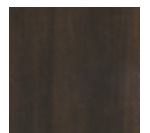
Heritage WD



Artisan BD



Smoked BD



Urban BD

WD: White Dot
BD: Black Dot

Please refer to physical sample finish as colour may vary from screen



CERTIFICATIONS + STANDARDS

- Environmental Product Declaration
- Declare Red List Free
- Cradle to Cradle Bronze
- Environmental Management System ISO 14001:2015
- Low VOC

ENERGY + EMISSIONS

- Embodied carbon: 6.5kg CO2eq per kg
- Production facility uses 30% renewable energy

WATER + CHEMICALS

- Ecoustic® Coffered Direct Fix does not contain any Banned List chemicals
- Third-party certifications assess chemical safety to 99% of material weight

CIRCULARITY + LIFECYCLE

- Ecoustic® Coffered Direct Fix is a pure Technical Nutrient in the circular economy
- Ecoustic® Coffered Direct Fix contains 60% post-consumer recycled PET
- Ecoustic® Coffered Direct Fix is designed for disassembly + reuse, Instyle's adhesive-free mounting system allows for easy installation + material separation at end of product lifecycle
- Ecoustic® Coffered Direct Fix can be accepted for takeback as part of our REVIVE® Product Stewardship Scheme

LAND USE + BIODIVERSITY

- Impacts on land and biodiversity such as resource use, output flows + waste, acidification + eutrophication are quantified in the product's Lifecycle Assessment (LCA) available in the EPD

SOCIAL IMPACT

- OHS Management System ISO 45001
- Supplier has an established human rights policy + audit management process
- Supply chain Code of Conduct in place
- Cradle-to-Cradle certification requires a risk assessment be completed to address potential health, safety + human rights risks

BUILDING RATING SYSTEMS

Ecoustic® Coffered Direct Fix will contribute the following points for Green Star, LEED + WELL building standards:

Criteria	Green Star	LEED	WELL
Recycled Content	✓	✓	NA
Low VOC	✓	✓	✓
Stewardship Program	✓	✓	NA
EPD	✓	✓	NA
Cradle to Cradle Bronze	✓	✓	✓
Declare Label	✓	✓	✓
Manufacturer EMS	✓	NA	NA
Toxic Material Reduction	NA	NA	✓

GREEN STAR

- Indoor Pollutants/Low VOC (12)
- Recycled Content Product (21.1 B)
- Environmental Product Declarations (21.1 C)
- Third Party Certification (21.1 D)
- Product Stewardship Program (21.1 E)

LEED

- Low Emitting Materials / Low VOC (EQ credit)
- Recycled Content (MR credit)
- Environmental Product Declarations (MR credit)
- Material Ingredient Reporting (MR credit)
- Extended Producer Responsibility (MR credit)

WELL

- Enhanced Material Restrictions (X05)
- Air Quality/VOC Restrictions (A01 + X06)
- Materials Transparency (X07)
- Materials Optimisation (X08)
- Sound Reducing Surfaces (S05)



Coffered Direct Fix Tiles with Timbre + Timbre Point are printed with leading HP low-VOC water-based latex ink technology.

Latex Print Benefits

	HP Latex Print
Non-Reactive	✓
Non-Hazardous Ink	✓
Low VOC	✓
Odourless	✓
Ink Supply Recycling	Non-hazardous ink + free take back program

- HP Latex Inks contain up to 65% water. Using water-based inks eliminates exposure to high solvent concentrations, which simplifies ventilation, storage, and transportation requirements
- **Ozone free:** No ground level ozone is generated with HP Latex Inks. Ground level ozone generation is associated with the UV ink curing process when mercury UV lamps are used.
- **No HAPs:** No Hazardous Air Pollutants (HAPs) present in HP Latex Inks. HAPs are those pollutants that are known or suspected to cause cancer or other serious health effects, such as reproductive effects or birth defects, or adverse environmental effects
- **Odourless prints:** Intensity and hedonic testing indicates weak and neutral odour for HP Latex Ink and UV ink is rated as distinct and unpleasant odour.

Ecologo Certification

A prominent, voluntary certification issued by UL and recognised worldwide. Ecologo® Certification to UL 2801 demonstrates that an ink meets a range of multi-attribute, lifecycle-based stringent criteria related to human health and environmental considerations. The standard criteria include testing for heavy metals content and solvents, requirements for low VOC content levels, as well as product recyclability. HP is the only printing company to have Ecologo® Certified inks.

Greenguard Gold Certification

A prominent, voluntary third-party certification issued by UL and recognised worldwide. UL Greenguard Gold Certification to UL 2818 demonstrates that products are certified to UL Greenguard standards for low chemical emissions into indoor air during product usage. UL Greenguard Gold Certification indicates that products, including inks, printed substrates, and the combination of both for indoor applications, contribute to healthy indoor environments by minimizing potential exposure to airborne chemicals.

HP In Action

- HP Named to DJSI World Index, FSTE4Good, CDP Climate A List, and EcoVadis CSR Ratings
- Sourced 550,000 pounds of ocean-bound plastic to make new HP ink cartridges
- Committed to achieving 100% renewable electricity usage in global operations
- Pledged to enable better learning outcomes for more than 100M people by 2025
- First to publish supply chain responsibility code of conduct and industry-leading standards