

renewTM

RESURFACING & REPAIR OF ACOUSTICAL CEILING PANEL



TECHNICAL DATA SHEET BPIR - CLASS 1



Resurfacing & Repair of Acoustical Ceiling Panels

Technical Data Sheet - BPIR Class 1

Asona RenewTM is a proprietary service that renews soiled, stained or damaged acoustical ceiling panels without the time, financial and environmental costs associated with replacement.

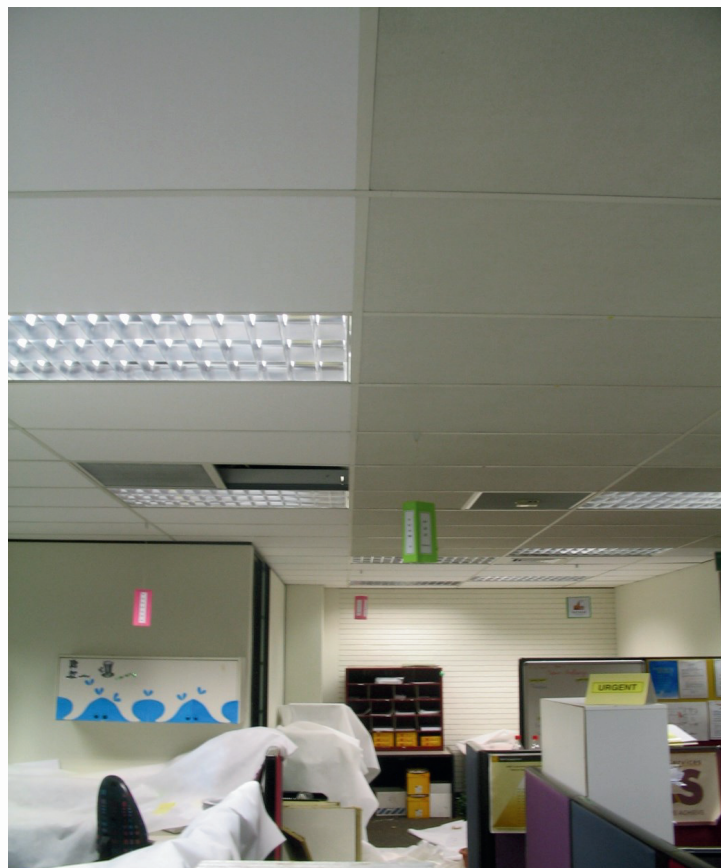
Ceiling panels are resurfaced on site or removed to Asona's factory for resurfacing with new SonatexTM acoustic facings or vacuum laminated with washable vinyl film for hygiene areas, or Sonatex Hygiene laminate facing.

Application

RenewTM is ideal for commercial building owners and facility managers who wish to upgrade their suspended ceilings in offices, healthcare and educational facilities, retail etc

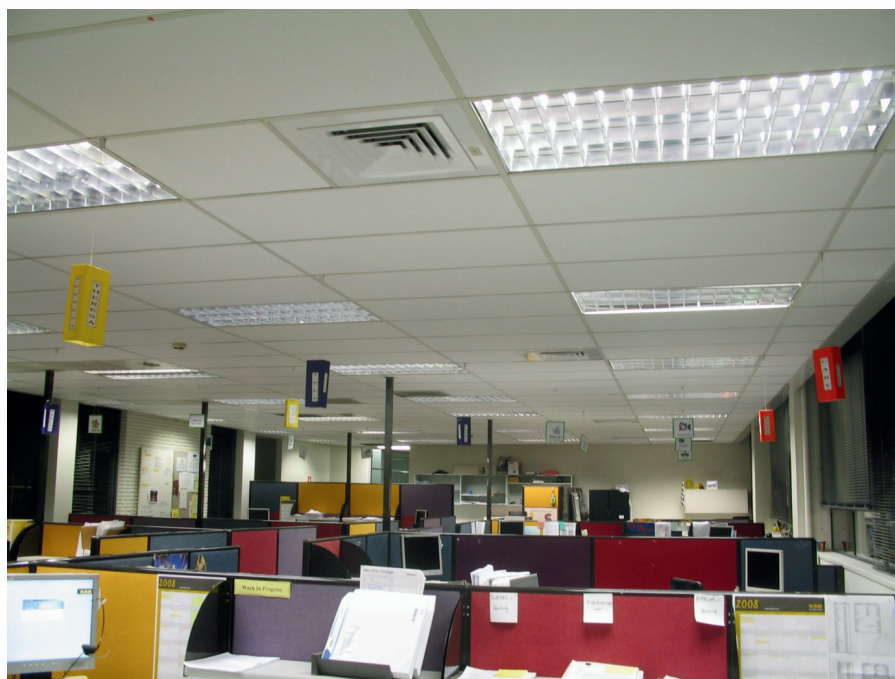
Features & Benefits

- Reduces construction waste going to land fill.
- Renews and reuses suspended ceiling panels.
- Helps minimise the buildings carbon foot print.
- Increases light reflection of the ceiling (> 80%) for better use of natural and artificial lighting. A brighter interior improves energy efficiency, employee comfort and productivity.

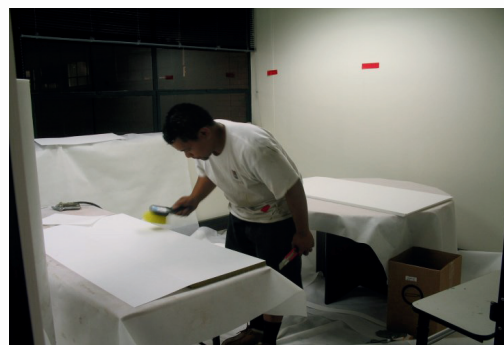
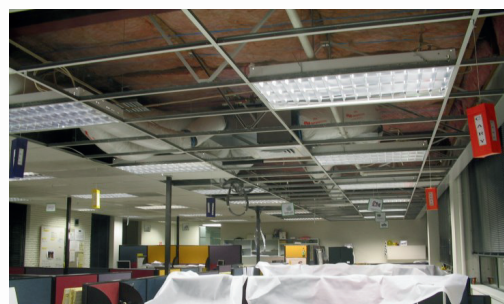


Above: 1/2 completed ceiling, new Sonatex finish applied top left with 12 year old rockwool ceiling panels top right

- Retains acoustic performance rating and panel accessibility.
- Saves on repair and maintenance costs.
- Extends ceiling panel usable life cycle time.
- Made locally so transport and embodied energy costs are low compared to replacement with new imported panels.
- Onsite application option by trained team of installers.
- Quick turn around times, save on shut down costs.
- Choice of mat white or fine texture paint finish as standard.
- Optional Sonatex Hygiene laminate facing.



Above: Renewed ceiling, ASB contact centre, Auckland



Technical Specifications

Environmental Impact:

Sonatex™ allows damaged or soiled panels can be resurfaced to extend useful life and reduce construction waste/ landfill.

Laminate Finishes:

Sonatex™ is available in standard white, black, grey and a range of wood prints, RAL colours and Sonaris™ perforated laminate finishes. Refer to online Sonatex™ / Sonaris™ finishes charts for colour and size options. Also available with Sonatex Hygiene laminate facing.

Light Reflectance Value:

85% per BS8493:2008, White

Limitations:

- For interior use only, and not in direct contact with water.
- Not for use with negative air return plenums.
- Maximum humidity/temperature 99% R/H at 45°C.

Maintenance:

Clean with a vacuum, soft brush or damp cloth.
Re-surfacing of damaged panels available, consult Asona.

NZ Building Act

This product is not subject to a warning or ban under Section 26.

NZ Building Code Compliance:

- B2 Durability – Clause B2.3.1 (c) (i): Ceiling tiles resurfaced with Renew Sonatex facing with only normal maintenance will have a minimum durability of at least 5 years when installed in accordance with; manufacturer's installation requirements and AS/NZS 2785:2020.
- C3 Fire – Clause C/AS2 4.12.1: Asona Renew has a Fire Material Group Number 1-S by NZBC Building Product Specification Parts 8.5.4 or 8.5.5, tested in accordance with ISO 9705 or ISO 5660.

Warranty:

15 year limited warranty against manufacturing defects.

Installation:

Shall not commence until the building is watertight and dry. This product is designed to be applied to lay-in ceiling tiles and mounted into a two-way exposed grid system and installed to manufacturer's and AS/NZS 2785:2020 Standard's requirements. Seismic design may require a suitably qualified engineer. Hold down clips may be required in areas of wind uplift, and/or air grilles used to balance air pressure. Care shall be taken when handling tiles to avoid damage.

Specification:

Ceiling shall be Asona Renew Sonatex facing applied to () ceiling as manufactured by Asona Ltd Auckland NZ Tel: +64(0)9 525 6575 info@asona.co.nz. Selected facing shall be Sonatex™ decorative laminate finish (white) (black) (RAL colour #_) (wood-look print) (Sonaris™ perforated pattern#_), (Sonatex Hygiene laminate). (Asona ceiling Masterspec 5311AS specification available).

