Nimbus 15™ - NRC 0.90

Tissue Faced Glass Fibre Acoustical Ceiling Panel

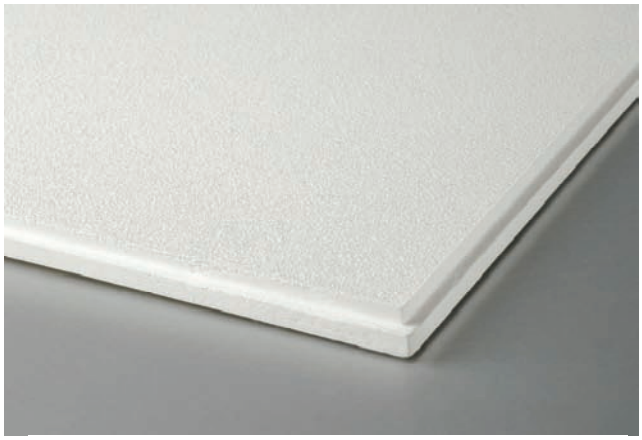
Technical Data sheet

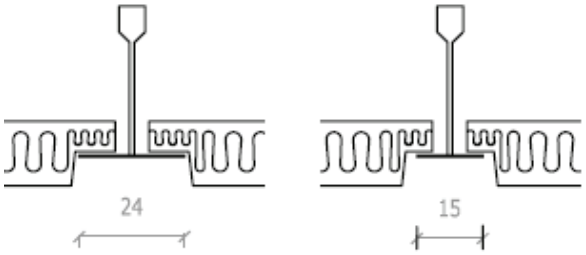
Description.
Nimbus 15™ is an imported 15 mm thick ISO class 'A' high sound absorbing glass fibre acoustical ceiling panel with fine textured micro porous paint finish designed to provide maximum sound absorption in an accessible ceilings where a negative detail between panels is desired.

Application.
Nimbus 15™ is ideal for use in open plan offices to control background noise levels and reverberation times.

Composition.
Manufactured from 100 kg/m³ bio-soluble resin bonded glass fibre absorber with fine texture painted glass mat facer, plain glass mat backer and sealed and coated edges.

Benefits.
- High sound absorption for effective control of reverberation, ISO 11654 class A, αW 0.95, NRC 0.90
- Attractive fine textured paint finish
- Durable coated edges, ideal for frequent access
- Dimensionally stable in high humidity
- Light weight and easy to install





Technical Specifications

Item #	Size (nominal)	Edge *
AC21533E	15 x 600 x 600 mm	E15/ E24
AC21534E	15 x 600 x 1200 mm	E15/ E24

* E15 for 15 mm faced grid, E24 for 24mm faced grid.

Practical Sound Absorption Rating:
αW 0.95; Class A; ISO 354 E-200, Test report T0601-1
NRC 0.90 per ASTM C423

Hz	125	250	500	1000	2000	4000
αp	0.45	0.85	0.95	0.85	1.00	1.00

Accessibility:
All panels are demountable and accessible

Back loading:
Max. 1.5 kg/m², point loads shall be independently supported.

Colour:
White

Environmental impact:
Low embodied energy product.

Fire Reaction:
AS1530 pt 3.
Smoke developed 3, spread of flame 0.

Humidity:
Non hydroscopic, dimensionally stable, resists fungi and stains
Max 95% R/H at 45°C.

Light reflectance:
ASTM C1477 LR-1, >75%

Maintenance:
Clean with vacuum, soft brush or damp cloth.

NZ Building Code:
Clause B2—durability, 5 years

Service Panels:
Available with protective plastic film covering to help keep panels cleaning during the construction phase.

Thermal Resistance:
R 0.4 m²°C/W

Weight:
1.8 kg/m²

Installation:
Shall not commence until the building is water tight and dry. Light fittings shall be independently supported, use hold down clips in areas of wind uplift. It is recommended that air grilles be installed in the ceiling to balance air pressure differentials. Do not use in ceilings with negative air return plenums. Install hangers at 1200 mm o.c, main tees at 1200 mm o.c, cross tees to suit panel module. Wall angle to be fixed at 300 mm o.c

Specification:
Ceiling shall be Asona Nimbus 15 acoustical ceiling panels as supplied by Asona Ltd Auckland, Tel: 09 525 6575 Fax: 09 525 6579, # (_), module (_) x (_)mm, 15 mm thick, edge (E15) (E24) sound absorption Class A, αW 0.95, NRC 0.90, thermal insulation R0.4, colour white, supported on (T15) (T24) two way exposed suspension system with (shadow line) (20 x 20 mm) wall angle. Supply service panels with protective strippable plastic film facing.

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