

PARAFON
PRODUCT DATA SHEET



FORMAN
BUILDING SYSTEMS



Parafon Fjord Ceilings are manufactured from a non combustible mineral wool slab faced with special pre painted glass fibre tissue on the surface, with back face and edges sealed. Parafon Fjord "Exclusive" and "Basic" finishes offer designers a smooth white, high light reflecting suspended ceiling tile.

EXCEPTIONAL SOUND ABSORPTION

Parafon Ceilings offer high sound absorption performance (NRC 0.80 to 0.90) thus meeting the needs for interiors where high noise levels need to be reduced. A good example of this would be Call Centres , Open Plan Offices and large meeting spaces.

HIGH MOISTURE RESISTANCE

Parafon Ceilings are 100% dimensionally stable with regard to moisture, heat and cold . Design conditions can be up to 95% Relative Humidity and Temperature of 40°C and Parafon can withstand peaks of up to 100% Relative Humidity.

In addition the mineral wool baseboard is an inorganic material which resists attack by rot, fungus or bacteria.

DURABILITY AND SAFETY

All Parafon Ceiling Panels have sealed edges and a glass fibre tissue backing ensuring product stability whilst avoiding the filter effect for better durability. They are not brittle and are resistant to breakage and chipping.

AREAS OF USE

Parafon Fjord Exclusive and Basic are particularly suitable for:

- Education
- Healthcare
- Offices
- Retail
- Hotel and Leisure Industry
- Transportation Terminals

FIRE SAFETY

Tested in accordance with AS 1530 Part 3 – 1999

Results being	IGNITABILITY	0
	SPREAD OF FLAME	0
	HEAT EVOLVED	0
	SMOKE DEVELOPED	3

CLEANING

Brush or Vacuum with a soft brush. Wipe with a clean damp cloth or sponge.

TECHNICAL SPECIFICATIONS

Light Reflectance	80% (Basic) 85% (Exclusive)
Gloss Figure	2
Edge detail	Rebated (E15, E24), Square (A24)
Thickness	18mm
Panel Sizes	1200 x 600, 600 x 600mm
Minimum Construction Height	60mm
Minimum Removability	90mm
Weight	3.5kg/m ² (2.5kg/m ² A24)
Sound Absorption	NRC 0.90 (Measured according to ISO 354)

Practical absorption factor α_p

Sheet thickness, mm	Construction height, mm	Frequency, Hz							α_w
		125	250	500	1000	2000	4000		
18	60	0.15	0.50	0.90	1.00	0.95	1.00	0.80	
18	200	0.35	0.85	0.95	0.85	0.95	1.00	0.95	

QUALITY STANDARDS

Parafon Fjord is manufactured by Parafon Akustik AB, Sweden who have a quality system meeting the requirements of ISO 9002.

STORAGE AND HANDLING

Parafon suspended ceilings are supplied in corrugated cardboard cartons. They should not be stored outdoors.

The products are light-weight and easy to handle and work with. The stable construction of the core material allows the ceiling to be installed at an early stage in the building construction process.

GUIDE SPECIFICATION

Ceiling Tiles shall be Parafon Fjord Tegular edge with the Exclusive or Basic surface finish, size (600x600 or 1200x600), colour (white)
Edge detail to be Tegular (E15 or E24) Square (A24).

Suspension System: shall be the Armstrong Prelude XL 2 way exposed grid system with 24mm or 15mm wide T-section flanges, colour (Armstrong White)

Installation: to comprise of main runners spaced at 1200mm centres supported on 2.5mm dia galvanised wire hangers at 1200mm maximum centres. 1200mm Cross tees fixed to the main tees at 600mm centres, (with 600mm cross tees being fixed between the 1200mm cross tees if a 600x600 module is required)

Perimeter Trim: to be Armstrong Prelude 22x19mm wall angle secured to the wall at maximum 450mm centres

EDGE DETAILS

