

RIGID POLYURETHANE FOAM SHEET HIGH DENSITY PRODUCT DATA SHEET

Pacific Urethanes NZ Ltd
57 Rangī Road
Takanini
Auckland
New Zealand

PO Box 75986
Manurewa

Tel: +64 9 269 0710

Fax: + 64 9 269 4140

www.pacificurethanes.co.nz

Hand Pour/Injection/
Sprayable Foams

HCFC/HFC/Pentane/
Water Blown Foams

Integral Skin Foams

Polyurethane Rigid Foam
Sheets

Polyurea & Polyurethane
Spray Elastomers

Polyurethane Panel
Adhesives

Tufflex Waterproofing

Disposable Foam
Products

Packaging Foams

Foam-in-Place/Foam-in-Bag
Dispensers

DESCRIPTION

PACFOAM HIGH DENSITY = 96kg/m³ CFC FREE

Pacific Urethanes **PACFOAM HIGH DENSITY** Polyurethane Rigid foam sheets exhibit a fine, closed cellular foam structure with very high load bearing, excellent insulation and low water permeability.

Rigid polyurethane is resistant to most chemicals and can be easily sawn, cut, sanded or shaped.

APPLICATIONS

Pacific Urethanes **PACFOAM HIGH DENSITY** sheets are recommended where high load bearing and strength are required. Used for load bearing areas of insulated tanks and buildings, pipe supports, high strength sandwich panel for metal, fibreglass and FPR, underfloor insulation, cold stores, food/beverage display cabinets, sculpture blocks and marine insulation.

PHYSICAL PROPERTIES

DENSITY	64 kg/m ³
THERMAL CONDUCTIVITY	0/02 W/mK approx
COMPRESSIVE STRENGTH	
Parallel to rise	950 kN/m ² appro ^x
Perpendicular to rise	800 kN/m ² approx
CLOSED CELLS	92 – 95%
DIMENSIONAL STABILITY	1 – 5%
WATER ABSORPTION (20°C)	0.45 kg/ m ²
COLOUR	Cream/Straw
SERVICE TEMPERATURE	-50°C – 100°C

AVAILABLE SIZES

PACFOAM HIGH DENSITY product is available as flat sheets of 2400mm x 1200mm in thicknesses from 10mm to 500mm.

INSTALLATION

Installation should only be attempted in dry conditions with dry polyurethane sheets. The sheets can be sawn or cut with a sharp knife and glued with most adhesives

For external installation, the surface must be protected with suitable cladding or hardcoat coating.

For optimum insulation, all joints should be sealed with a vapour barrier sealant.

HEALTH AND SAFETY

The product has no known toxic effects however care should be taken to avoid inhaling the dust particles.