RIGID POLYURETHANE FOAM SHEET STANDARD DENSITY PRODUCT DATA SHEET

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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 STANDARD DENSITY = 32kg/m^3 **CFC FREE**

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

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

APPLICATIONS

Pacific Urethanes **PACFOAM STANDARD DENSITY** sheets are recommended for insulation applications not requiring high compressive strength. Used for sandwich panel construction, underfloor insulation, cold stores, food/beverage display cabinets, sculpture blocks and marine insulation and flotation.

PHYSICAL PROPERTIES

DENSITY	32 kg/m^3
THERMAL CONDUCTIVITY	0/02 W/mK approx
COMPRESSIVE STRENGTH	
Parallel to rise	180 kN/m^2 appro^x
Perpendicular to rise	150 kN/m^2 approx
CLOSED CELLS	92 – 95%
DIMENSIONAL STABILITY	1 – 5%
WATER ABSORPTION (20^{O}C)	0.45 kg/ m^2
COLOUR	Cream/Straw
SERVICE TEMPERATURE	-50^{o}C – 100^{o}C

AVAILABLE SIZES

PACFOAM STANDARD 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.

HEATH AND SAFETY

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