



GLOBAL FLEXITHANE 303

Flexible Polyurethane Spray Foam

*For Cool Room Operators, Controlled Atmosphere Rooms and
Fresh Produce Storage Facilities*



The Problem With Your Facility

Cold storage and controlled atmosphere rooms are exposed to constant temperature cycling, moisture and structural movement. Over time, the seals and insulation in these facilities degrade.

When that happens, you lose temperature control. Gas levels in controlled atmosphere rooms fluctuate. Energy costs climb. And the produce you have worked hard to grow and store starts to suffer.

- 👉 Gaps and cracks in foam insulation allow warm air infiltration – driving up refrigeration costs.
- 👉 Failed seals around penetrations let oxygen into controlled atmosphere rooms, cutting shelf life.
- 👉 Rigid foam that cannot flex with the structure will crack and delaminate, leaving your facility exposed.
- 👉 Unplanned maintenance shutdowns cost you time, product and money.





The Solution

Global Sealing Group supplies and applies Global Flexithane 303 – a flexible polyurethane spray foam that bonds directly to your substrate and moves with your structure. It does not crack. It does not delaminate. And it seals every gap seamlessly, leaving no path for air or gas to travel.

We do not just sell you a product and leave. Our experienced applicators assess your facility, prepare the surface correctly and apply the system to the standard it needs to perform.

Why Flexithane Works for Cold Storage

- ✓ Seamless application – no joints, no gaps, no failure points
- ✓ Flexes and moves with your building structure – will not crack under thermal cycling
- ✓ Outstanding adhesion to concrete, metal, masonry and existing substrates
- ✓ CFC free and environmentally friendly
- ✓ 100% solids system – no solvents, no shrinkage
- ✓ Applied in situ by approved, experienced applicators

What We Do

Global Sealing Group is not just a product supplier. We are an application business. When you engage us, we bring both the right products and the right expertise to your site.



Site Assessment: We walk your facility and identify every problem area – from failing insulation to gaps around penetrations and structure.



Surface Preparation: Every substrate is cleaned, repaired and made ready before application begins. This is where most failures start – we do not skip this process.



Application: Global Flexithane 303 is sprayed in situ using specialist plural component equipment, giving you a continuous seamless membrane at the correct density and thickness.



Handover: We do not leave until the job is done to correct specifications.

Product at a Glance

Property	Detail
Product	Global Flexithane 303
Type	Water blown flexible polyurethane spray foam
Free Rise Density	150 to 175 kg/m ³ (lab); higher in field applications
Flexibility	Designed to flex and move with the substrate
Solvents	CFC free, 100% solids system
Pack Size	420 kg kits of Part A and Part B
Application Method	1:1 by volume plural component spray machine
Approved Applicators	Required – Global Sealing Group teams





For technical advice and bulk orders,
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