



GLOBAL RIGITHANE 202

Rigid Polyurethane Spray Foam

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



The Problem With Your Facility

Cool rooms and controlled atmosphere storage facilities depend on one thing above all else: insulation that holds. When your foam insulation system starts to fail, you feel it in your energy bills first. Then in temperature variance. Then in the quality and shelf life of the produce inside.

Metal roofs, walls and panels in commercial and agricultural buildings are demanding environments for any insulation system. They get hot, they get cold, they conduct. A system that was not built for this will not last.

- 👉 Poor adhesion to metal substrates means insulation lifts, gaps form and thermal bridges open.
- 👉 Low density foams compress and lose their insulating value over time.
- 👉 Foam without flame retardation creates a serious safety liability in commercial facilities.
- 👉 Once insulation fails, energy costs rise, temperature control suffers and produce quality drops.





The Solution

Global Rigithane 202 is a rigid polyurethane spray foam system specifically formulated for commercial and agricultural buildings. It bonds directly to cold metal and other substrates, fills every gap seamlessly and delivers a consistent insulation layer that holds its value over the long term.

Its standout feature for cool room and produce storage applications is exceptional cold metal adhesion. Where standard foam systems struggle on metal panels in cool and cold environments, Rigithane 202 is designed for exactly this.

Global Sealing Group supplies and applies Global Rigithane 202. Our approved applicators bring specialist equipment and the expertise to apply the system correctly, at the right density and thickness, every time.

Why Flexithane Works for Cold Storage

- ✓ Exceptional cold metal adhesion – purpose formulated for metal panel applications
- ✓ High flame retardation – important safety requirement in commercial cool room facilities
- ✓ Seamless in situ application – no joints, no gaps, no cold bridging
- ✓ Nominal applied density of 32 to 35 kg/m³ – consistent thermal performance
- ✓ CFC free and environmentally friendly
- ✓ 100% solids system – no solvents, no shrinkage after cure
- ✓ Applied by approved and experienced applicators only

What We Do

Global Sealing Group is an application business as much as a product supplier. When you engage us for a Rigithane 202 project, you get both the product and the team to put it in place correctly.



Site Assessment: We assess your facility and identify where insulation is failing or underperforming, where thermal bridging is occurring and what the substrate condition is before we recommend any solution.



Surface Preparation: Metal surfaces must be clean, stable and free of excessive oil and grease. We do not cut corners here – poor prep is where most foam failures start.



Application: Rigithane 202 is processed through specialist 1:1 by volume plural component spray equipment at the correct temperatures and pressures. Application is carried out by approved operators only.



Conditions: We monitor substrate and atmospheric conditions before and during application to ensure adhesion and performance meet specification.

Product at a Glance

Property	Detail
Product	Global Rigithane 202
Type	Low density rigid polyurethane spray foam
Applied Density	32 to 35 kg/m ³
Key Properties	Excellent cold metal adhesion, high flame retardation
Cream Time	2 to 4 seconds at 22 degrees Celsius
Rise Time	18 to 22 seconds at 22 degrees Celsius
Solvents	CFC free, 100% solids system
Pack Size	2300 kg kits supplied in 1000 litre IBC containers
Application Method	1:1 by volume plural component spray machine
Approved Applicators	Required – Global Sealing Group teams only





For technical advice and bulk orders,
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