

PRODUCT DATA SHEET

GLOBAL RIGITHANE 202

Rigid Polyurethane Spray Foam

GLOBAL RIGITHANE 202 is a low density rigid polyurethane spray foam system specifically formulated to provide excellent cold metal adhesion, high flame retardation and nominal applied density of 32 to 35kg/m³. It finds particular use in commercial and agricultural buildings and is sprayed in situ to provide a seamless system with a high quality surface.

Physical Characteristics

LABORATORY REACTIVITY PROFILE:

Mix Ratio by weight 100 Polyol : 110 Isocyanate

Mix ratio by volume 100 Polyol : 100 Isocyanate

Cream Time @ 22°C 2 - 4 seconds
String Time @ 22°C 9 - 13 seconds
Rise Time @ 22°C 18 - 22 seconds
Rise Density @ 22°C 32 - 35 kg/m³

Part A - ISOCYANATE

Appearance Amber liquid
Density @ 22°C 1.23 +/- 0.02 g/mL
Viscosity @ 22°C 210 +/- 50 mPa.s

Part B - POLYOL

Appearance Clear pale straw liquid
Density @ 22°C 1.01 +/- 0.02 g/mL
Viscosity @ 22°C 250 +/- 50 mPa.s

Technical Features

- CFC Free
- 100% solids system
- Environmentally Friendly
- Seamless high quality surface
- Excellent cold metal adhesion

Application Information

Surface Preparation Surface must be clean, stable and free of excessive oil and grease. Loose particles should be removed and repair carried out if required.

Application Process Global Rigithane 202 is designed to be processed through a 1:1 by volume plural component PU machine such as Graco® E-XP2 or E-30 Proportioner Unit. Primary heater temperatures 50-55°C

Recommended Substrate Conditions and Temperature

- Check the atmospheric conditions are such that the temperature of the surface to which the product is applied is a minimum of 3°C above dew point at the time of application.
- The product can be applied up to a maximum surface temperature of 38°C so long as dew point conditions are met, and the applied thickness and rate of application are controlled.
- This product is designed for application to a minimum surface temperature of 10°C
- Do not apply to damp substrates or when humidity is 85%
- To ensure adhesion to the surface it is important that the surface is clean and free of excessive particulate material or other surface impurities.
- The product should not be applied in windy conditions due to potential application losses, possible contamination of surrounding areas and surfaces from wind-borne spray resulting in the lack of application control, variable applied thickness, surface evenness and irregularities.
- Global Rigithane 202 is required to only be applied by an approved and experienced applicator.

Equipment Cleanup & Disposal

Wash all equipment lines and components with moisture free appropriate thinners.

Liquid Systems: Liquid polyol or isocyanates should be disposed of an EPA approved industrial waster company which meet all applicable federal, state and local laws and regulations.

Cured Systems: Fully reacted and cured polyurethanes are inert and can be disposed of as regular landfill.

Do not reuse empty containers.

Do not cut or weld empty containers.

Safety Precautions:

This product is isocyanate catalysed. Before using this Polyurethane System please refer to the Material Safety Data Sheets for both the components for information on the correct handling procedures for these products and the safety issues and Hazards associated with their use.

Pack Sizes:

2300Kg kits of Part A and Part B supplied in 1000L IBC containers

Contact Point

For further information and technical assistance please contact:

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