

Halcon Doors

Roller Doors

Security, Commercial & Insulated Shutters

Technical Data Sheet

TRIPOR 250 - Rigid Polyurethane Foam

Description

TRIPOR 250 is a low viscosity two-part rigid polyurethane foam designed for the manufacture of rolling shutters through a continuous process.

TRIPOR 250 is quick reacting to allow fast manufacturing speeds by machine mixing techniques.

TRIPOR 250 contains no CFC's or HCFC's and has an Ozone Depletion Potential (O.D.P.) of zero and a GWP of 1 where Carbon Dioxide is used as a reference of 1.

Recommended Processing

Low & high pressure polyurethane mixing machines are acceptable.

Typical temperature of 40 °C recommended for facings & conveyor.

Mix ratio (w/w):	TRIPOR 250 Component A (Polyol)	100 pbw
	TRIPOR Component B (Isocyanate)	120 pbw

Typical Properties

Appearance	Polyol (Component A) Isocyanate (Component B)	Clear, yellow liquid Brown liquid
Storage temperature	Polyol (Component A) Isocyanate (Component B)	10 – 30 °C 10 – 30 °C
Mix ratio (w/w)	Polyol (Component A) Isocyanate (Component B)	100 120
Cream Time	77g @ 20 °C (hand mix - cup)	8 – 10 seconds
String Time	77g @ 20 °C (hand mix - cup)	17 -20 seconds
Tack Free Time	77g @ 20 °C (hand mix - cup)	23 – 27 seconds
Density – free rise cup density		62 – 67 kg/m ³

STORAGE & HANDLING

It is extremely important that containers should be re-sealed immediately after use to prevent the entry of moisture which will adversely affect the resultant foam. The shelf life of the materials is four months when stored in sealed drums within the recommended temperature range of 10 – 30 °C, but users are recommended not to hold in stock longer than necessary.

PLEASE SEE THE SEPARATE SAFETY DATA SHEETS BEFORE USING THESE PRODUCTS.

The data contained in this sheet is to our knowledge true and accurate, but recommendations are made without guarantee or warranty since application and conditions are outside our control. It is suggested that users should carry out their own tests to ensure 'Tripor 250' Rigid Polyurethane Foam meets their requirements.

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