

TECHNICAL DATASHEET

RIGID 70 is a medium density rigid polyurethane foam system designed for decorative mouldings such as wood imitation panels, light weight sculptures, etc. **RIGID 70** system has a slow cream time enabling its use in hand-mix applications and still allowing thorough wetting of the mould surface before foaming commences. Good surface detail definition and hardness is achieved together with good physical properties and dimensional stability. This system can also be dispensed through high and low-pressure machines.

Product Specification

	RIGID 70 POLYOL	MR200 ISOCYANATE
Specific Gravity at 25°C	1.12	1.24
Viscosity at 20°C (cPs)	375 - 525	200 - 300
Appearance	Straw coloured liquid	Dark brown liquid

Mixing and Curing Conditions

		RIGID 70 / MR200
RIGID 70 POLYOL	(pph)	100
MR200 ISOCYANATE	(pph)	100
RIGID 70 Temperature	(°C)	20
MR200 Temperature	(°C)	20
Cream Time	(secs)	50 - 54
Gel Time	(secs)	220 - 240
Free Rise Density (core) (reel)	(kg/m ³)	72 - 78

Handling Precautions

RIGID 70 is a preparation based on polyols that contain, among other substances, a small percentage of tertiary aliphatic amines. Because of its alkaline character, **RIGID 70** may cause slight to moderate irritation when it comes into contact with the skin, the eyes and the mucous membranes, particularly if this contact is prolonged. Safety goggles and impermeable protective gloves should always be worn if there is a risk of direct exposure when handling **RIGID 70**. Splashes that come into contact with the skin, must be wiped off immediately and the contaminated areas must be thoroughly washed with soap and water. Subsequently these areas should be treated with a good barrier cream.

To prevent further contact with the skin, contaminated clothing should be changed immediately and thoroughly cleaned before reuse. The product must be kept away from foodstuffs.

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