

Key Features

PU Foam 38 is a rigid polyurethane foam system for general purpose applications such as void filling for construction, marine moulds, taxidermy, etc.

The finished product, if processed correctly, has a high percentage of closed cells ensuring its suitability in buoyancy applications.

The system uses ECOMATE® as the blowing agent which has zero Ozone Depleting Potential, zero Global Warming Potential and is SNAP approved.

- Slow cream – suitable for hand mix.
- Can be dispensed through high and low pressure machines.
- Good mechanical properties.
- Dimensional stable.
- Self-extinguishing.

Physical Properties

PU FOAM 38	<i>PART A</i>	<i>PART B</i>
Density	1.12 g/ml	1.22 – 1.23 g/ml
Viscosity cps @ 20°C	300 ± 75 mPa.s	250 ± 50 mPa.s
Mix Ratio by Weight	100	100
Appearance	Straw	Dark Brown

Mechanical Properties

PROPERTY	RESULTS
Cream Time	32 – 36 sec
Gel Time	125 – 140 sec
Rise Time	240 – 260 sec
Tack Free	220 – 250 sec
Free Rise density (core)	35 - 38 kg/m ³ (Reef)
	38 – 43 kg/m ³ (Coastal)
Approx. Volumetric Expansion	13-15 Times

Processing:

Measure out part A and B into separate containers. First mix Part A with a sheer mixer to creamy colour, then add Part B and sheer for 15 seconds. Immediately pour into your mould and let rise undisturbed.

Safety and Handling

- Ensure good ventilation.
- Wear gloves, protective clothing and safety glasses.
- In cases of contact with skin, immediately wipe off contaminated area/s and thoroughly wash with soap and water.
- Keep away from foodstuffs.

Storage and Stability

The containers must always be kept sealed against moisture in storage.

Shelf life of both components is 6 months in a dry place and in their original, unopened containers at a temperature between 15-25°C.

PU FOAM 38 PART A	PU FOAM 38 PART B
1 KG	1 KG
5 KG	5KG
25 KG	25 KG

Disclaimer

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