

BC 703 Polyol and BC 768 Isocyanate

Description:-

It is a two component, 141 B based sandwich panel system for targeting the density of 42-45 kg/m³. When BC 703 Polyol reacted with BC 768 Isocyanate, it forms a highly crosslinked rigid foam that is dimensionally stable and has good adhesion with metal sheets. The resulted foam lies in the grade of B2 PUR according to DIN 4102 Standards.

TYPICAL REACTION CHARACTERISTICS

Cream Time	25 SECONDS
Gel Time	150 SECONDS
Free Rise Density	36 kg/m ³

COMPOUND CHARACTERISTICS

Polyol Viscosity	800 mPa.S at 25 degree Celsius
Isocyanate Viscosity	210 mPa.S at 25 degree Celsius
NCO Content	31 % BY WEIGHT

Typical Polymer Properties:-


Density	42-45 kg/m ³
Fire Rating	B2 according to DIN 4102
Compressive Strength	110 KPA
Dimensional Stability	LESS THAN 1 PERCENT
Thermal Conductivity	0.023 Watt/m.K

SHELF LIFE:-

Polyol Compound: 6 months
Isocyanate Compound: 6 months

Always store the drums before use at a temperature between 15 °C and 35 °C,





always in dry areas, without the possibility of moisture entering, and without direct contact with the sun or heat sources, otherwise they may be affected its reactivity and performance. Low ambient temperature increases the viscosity of the polyol, which makes it difficult to mix and apply, which can cause its mixing ratio to vary and the consequent internal problems in the mixing and application equipment.

HEALTH AND SAFETY PRECAUTIONS

- Respiratory Protection: When handling or spraying use an air-purifying respirator.
- Skin protection: Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking, or smoking.
- Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in the air.
- Waste: Waste generation should be avoided or minimized.
- Incinerate under controlled conditions in accordance with local laws and national regulations.
- Re-occupancy of the work site without respiratory equipment is minimum 24 hours providing the correct ventilation for the area sprayed.
- Contractors and applicators must comply with all applicable and appropriate guidelines for storage and safety guidelines.

Anyway, consult the material safety data sheet

Packing:-

BC 702 Spray 45 Polyol	220 Kgs
BC 768 Iso cyanate	250 Kgs

The Technical specification information and recommendation given one based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product Building chemistry industry reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of Building chemistry industry no guarantee and or responsibility is assumed on the performance of work completion executed with use of our products.

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