

Bantek PU-108



TECHNICAL SPECIFICATION

www.bantek.co.in

FEATURES:

- ❖ Provides perfect insulation
- ❖ High strength with lightweight
- ❖ Contains no CFC (Chlorofluorocarbons)

*Good dimensional stability and
with stands struck-rural
movements*

- ❖ Good durability
- ❖ Excellent adhesion to metal, PVC, and wood
- ❖ Ease of application by machine as well by manu-

PU-108 is the two-part rigid foam system, When Part A on mixing with Part B at ambient temperature expands to form a light density, hard, rigid, closed cell foam. PUF is available in a wide range of Free Rise density (10- 400 Kg./m₃) and pack core density (16-500 kg/m₃). The foam prepared from PUF liquid not only have the best thermal properties but, it is the most versatile and fulfils the performance you need. It is highly effective in maintaining the thermal integrity of cold storage utility and maintains the temperature of the system.

APPLICATIONS:

- * **Industria construction is used seal cracks.**
- * **Used to stop water leakage.**
- * Insulating material for Refrigerators, chilling plants, Thermowares, Cold rooms, Solar heater, etc.
- * Thermal insulation to maintain temperature of Ware houses, Storage rooms, Sheds, Poultry/Agricultural Farms, Fish storage tanks.
- * Completely fills all voids and provides structural support to marine vehicles.
- * Accoustic material: good properties for vibration dampening and sound deadening.
- * Duct and Gap filling. Encapsulation of delicate articles
- * Packaging materials

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Office. No- 47/2/2, B No- 16, Shop No- 3, Ajit Hills, Shriram Nagar, Gujarwadi Road, Near Unity Public School, Katraj, Pune, Pune, Maharashtra, 411046

Email. bantek.india@gmail.com

Website. www.bantek.co.in

Phone +91-95612-19085

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PROPERTIES:

S.No	Description	Unit	PU-10	PU-40	PU-75	PU-108	PU-450
1.	Free Rise Density (ASTM D-1622-63)	Kg/m ³	10±2	25±2	75±5	120±10	400±10
2.	Pack core Density (ASTM D-1622-63)	Kg/m ³	16±2	40±2	75±5	200-300	500±10
3.	Mixing Ration (A: B)	PBW	100:100	100:120	100:120	100:120	100:120
4.	Cream Time	Sec	6-7	10-15	15-20	15-20	25-30
5.	Gel Time	Sec	50-60	85-95	50-60	70-80	120-160
6.	Tack Free time	Sec	65-75	105-115	65-75	90-100	200-250
Foam properties:							
1.	Closed Cell Content (ASTM D-2856-65)	%	>50	>95	>95	>95	>95
2.	Thermal Conductivity (ASTM C-518-76)	kcal/Mh°C	NA	<0.022	<0.02	<0.05	<0.05
3.	Compressive Strength (ASTM D-1621-94)	kg/cm ²	NA	>1	>4	>15	>15
4.	Dimensional Stability (ASTM D-2126-94)%Volume Change At -30°C 48 Hrs & at +80°C 48 Hrs	%	<1	<1	<1	<1	<2

SHELF LIFE:

Three (3) months from date of shipment when stored at 25°C in the original sealed packages.

PACKAGE:

Packed in clean 25kg/210kg/250kg Drum.

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EMAIL**bantek.india@gmail.com**
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