

# TECHNICAL DATA SHEET

## Expert



### Gun Foam

It is a high efficiency and strength polyurethane foam which adheres well to surfaces and specially formulated for use with PU Foam gun for professionals.

### TECHNICAL DATA

■ Basis	Polyurethane
■ Consistency	Stable foam, thixotropic
■ Curing system	Moisture Curing
■ Tack-free time	Ca. 9 mins
■ Cutting time	Ca. 30 mins
■ Full dry form	8h - 16h
■ Density	18-20 kg/m <sup>3</sup>
■ Expansion	30% - 70%
■ Compression strength	Min 2,5N /MM2
■ Shear strength	Min 2,5N /MM2
■ Thermal conductivity	0,030 W /m K
■ Yield	55-60L/ 1000mL
■ Shrinkage	%3 Max
■ Water absorption	Max 20%
■ Flash point (Dried foam)	< 400°C
■ Closed cell rate	>70%
■ Fire rate (DIN 4102)	B3
■ Shelf life	15 Months

### APPLICATIONS AREAS

- Assembling of door and window frames.
- Assembling of pipes and panels of installations such as gas, water and electricity.
- Insulation of deep cracks and gaps.

### SPECIFICATIONS

- High volume and low density.
- It has small and regular cell structure.
- Reachable form to be cut within 30 minutes.
- Does not runoff on vertical surfaces.
- Strong adherence to almost all building materials.
- Provides cost economy in frequent use.

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### REMARKS

- The gun might be left on the can for a month.
- Do not leave the gun for more than 20 minutes on Promast Foam Cleanser.
- It is not recommended to remove the gun before the can is completely empty.
- Do not shake the can before attaching the gun.
- You may adjust the thickness of the foam by twisting the valve behind the gun.

### SAFETY INFORMATION

It contains diphenylmethane -4, 4 diisocyanates. If inhaled for long periods, it may cause sensitivity to respiratory organs. If the wet foam contacts the skin for long periods, it may cause local rash and sensitivity on the skin. For this reason, the environment should be well-ventilated during the application, contact with the skin should be avoided and protective gloves and safety goggles should be worn while working. The aerosol can is filled with combustible propellant gasses under high pressure. For that reason they should not be punctured, should be kept away from heat sources or flames.

### SURFACE PREPERATION

Application surfaces must be clean, dry and not contain oil, rust nor lose parts. Slightly wetting the surfaces shall increase performance of foam and make it dry faster. The surrounding of application areas where foam shall not be applied may be covered for protection purpose.

### APPLICATION METHOD

- Remove the lid of the gun adaptor from the can.
- Attach the gun to the adaptor by twisting.
- Shake the can vigorously.
- Moistening application surfaces would accelerate the drying speed and would have a positive effect on cell structure, efficiency, and adhesion strength.
- While the can is upside down, press the trigger for the foam to come out.
- Since the foam would enlarge, fill the gaps only up to 50%-70%.
- From time to time, shake the can again during the application.
- If the can is not completely empty, leave the gun attached to it until the next application.
- Otherwise, clean the gun with Promast Foam Cleanser.

### PACKAGING (Volume)

750ml (box of 16 pieces)

### SHELF LIFE

It should be stored in its closed package in a cool and dry environment between 5°C-30°C. When these conditions are met, it has a shelf life of 15 months from the date of production. The date of manufacture is indicated on the can.



**MANUFACTURER:**  
 PROMAST Kimya San. Tic. A.Ş. Ovacık Mh.  
 Hacıoğlu Sk. No:21 B/0 41140 Başiskele  
 KOCAELİ | TURKEY T: +90 (262) 335 41 82  
 F: +90 (262) 335 41 83