

## **Kwik Fastening Solutions Pvt. Ltd.**

7 & 8, Highway Commercial Centre, I.B. Patel Road,  
Near Western Express Highway, Goregaon (E),  
Mumbai – 400 063, Maharashtra, India.  
Customer Support: 810 810 0800  
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### Technical Data Sheet

## **KWIK KOMBI-FOAM PRO FR**

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### **TECHNICAL DATA:**

• Foam Colour	:	Pink
• Tack Free time (TM1014 – 2013)	:	8 – 12 minutes
• Cutting time (30mm bead)	:	60 – 80 minutes
• Density	:	20 - 30 kg/m <sup>3</sup>
• Full cure time	:	Upto 24 hours
• Fire class of cured foam (DIN 4102)	:	B1
• Fire resistance (EN 13501-2+A1:2008)	:	240 minutes
• Volume decrease %	:	None
• Thermal conductivity	:	0.036 W/(m.K)
• Dimensional stability (TM1004 – 2013)	:	≤5%
• Curing Pressure (TM1009)	:	0.49 kPa
• Post expansion (TM1010)	:	180 - 210%
• Tensile strength (DIN 53430)	:	7 N/mm <sup>2</sup>
• Shear strength (DIN 53421)	:	4 N/mm <sup>2</sup>
• Yield (free foaming)	:	35 - 45 Litres
• Elongation at tension (DIN 53430)	:	25%

### **PRODUCT:**

- KOMBI-FOAM PRO FR is a one-component, self-expanding, 240 minutes fire retardant superior performance polyurethane foam based on a moisture curing polyurethane prepolymer, which are completely harmless to the ozone layer.

### **CHARACTERISTICS:**

- Excellent adhesion on most substrates (except Teflon, PE and PP)
- High thermal and acoustical insulation
- Very good filling capacities
- Excellent mounting capacities
- Excellent stability (no shrink or post expansion)

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#### **APPLICATION EXAMPLES:**

- Installation of window and door frames
- Filling of cavities, cracks, gaps, pipe penetrations.
- Around cables and pipes, penetrations through walls and ceilings
- Creation of a soundproof screen
- Mounting and sealing of window and door frames
- For thermal, electrical and acoustic insulation applications
- Application of a soundproofing layer on motors
- Improving thermal insulation in cooling systems
- Server room, office cabin, main and exit door firestop applications

#### **PACKAGING:**

- 1000 ml aerosol can, content 750 ml, 12 per box

#### **SHELF LIFE AND STORAGE:**

- 18 months in original, unopened packaging in dry conditions, protected from direct sunlight at temperatures between +5 °C and +35 °C.
- Storage in temperature exceeding +35°C shortens the shelf life of the product, adversely affecting its parameters.
- The product may be stored in temperature -5°C, no longer however than for 7 days (excluding transport). Storage of foam cans in temperature exceeding + 50°C or in vicinity of open flame is not allowed.
- Storage of the product in a position other than recommended may result in jamming the valve. The can cannot be squeezed or pierced even when it is empty.
- Always store can with the valve pointed upwards.

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**DIRECTIONS TO USE:**

- Shake can well to make sure the foam is ready for use.
- Clean the substrate and spray some water on it.
- Screw foam dispensing gun / adapter properly and turn can upside down.
- Vertical fill the gaps from the bottom upwards.
- Foam is tack-free (dry to the touch) in 8 to 12 minutes in temperatures between +18°C and +25°C (65°F ~ +77°F)
- Remove unwanted cured foam by cutting it with knife.

**PRECAUTIONS:**

- Keep out of children's reach.
- Keep upright & Shelter from direct sunlight.
- Do not expose to temperatures exceeding 50°C (122°F).
- Do not pierce or burn even after use.
- Wear protective gloves & goggles before using KOMBI-FOAM PRO FR.