



750 ml

PREMIUM CLASS POLYURETHANE FOAM

WITH GUN-LIKE STRAW APPLICATOR

- Professional Assembly without Foam Cleaner or Applicator Gun.
- Optimal Foam Control with Ergonomical Trigger.
- Glue-free. Reusable Patented Safety Valve System. No Leakage!

PROFI-FIX® PLUS is a high quality, multi-purpose, single component polyurethane foam that hardens in humid environment. A patented and TÜV certified valve system guarantees a glue-free mechanism to ensure functioning even after long storage periods once opened. PROFI-FIX® PLUS can be re-used up to two months after first application. The easy-to-handle adapter, enables effective foam control and improved dosing. No more uncontrolled foam extrusions and leakages. PROFI-FIX® PLUS can be stored in any position without any risk of sticking while kept in original parcel.

Fixing and insulating of door and window frames. Insulating of pipes and filling of holes and gaps. Filling of joints and installation of electrical wiring. Fixing and insulating of wall panels, corrugated sheets, roof tiles, etc.

PROFI-FIX® PLUS üstün kaliteli, tek bileşenli, nemle sertleşen çok amaçlı poliüretan montaj köpüğüdür. Patentli, TÜV sertifikalı anti-blok güvenlik valf sistemi ve söküp takılabilir özel uygulama adaptörü ile sızıntı yapmadan ilk uygulamadan sonra iki aya kadar tekrar kullanılabilir. Kolay ve etkili kullanım getiren bu sistem ile köpük çıkışı rahatça control edilebilir. Orijinal kolisinde iken valf yapışma riski olmadan dikey – yatay her pozisyonda saklanabilir.

Kapı ve cam çerçevelerinin montajı ve izolasyonunda, boru hatlarının izolasyonu ve bunların hat boşluklarının doldurulmasında, elektrik hatlarının izolasyonu ve boşluklarının doldurulmasında, pano, tablo ve çatı panolarının yapıştırılması ve izolasyonunda, yarık ve çatlakların doldurulmasında kullanılır.

PROFI-FIX® PLUS – однокомпонентная многофункциональная высококачественная полиуретановая пена, затвердевающая под воздействием влажности воздуха. Патентованная и сертифицированная TUV-ом, неприлипающий механизм, который обеспечивает функционирование даже в течение длительного хранения после первого использования. PROFI-FIX® PLUS можно использовать в течение двух месяцев после первого применения. Легко управляемый адаптер позволяет улучшенную дозировку и контроль, предотвращает неконтролируемые экструзии и утечки пены.

Область применения: предназначена для заполнения пустот, герметизации строительных швов, заделки стыков, заделки отверстий вокруг пролётных труб, кабелей и т.п., приклеивания отделочных и изоляционных панелей.



TECHNICAL DATA SHEET

PROFI-FIX PLUS – GUN-LIKE PU STRAWFOAM

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Product Description **PROFI-FIX PLUS** is a one-component polyurethane foam designed for mounting and sealing applications. Its re-sealable dispensing valve allows tins to be re-used after initial opening. It hardens under the air moisture effect. It shows a perfect adhesion into typical construction materials like: brick, concrete, plaster, wood, glass, metals, foamed polystyrene, hard PVC, and rigid PUR foams. It has no adhesion into polyethylene, silicone and teflon. PROFI-FIX PLUS characterizes an excellent heat-insulation, sound absorbance and high ageing resistance. Foam is additionally mould growth and fungal attack resistant.

Typicals Applications

- Doorframes and windows mounting
- Heat insulation of water systems, sewage systems and central heating systems
- Fixing and insulating of wall panels, division walls, driver's cabs and boats.
- Connecting of wooden prefabricated elements in frame constructions.
- Heat insulation of roofs and floors.
- Filling of gaps in the building heat insulation.

Application conditions Air temperature during application $-10\text{ }^{\circ}\text{C} \div +30\text{ }^{\circ}\text{C}$, best results at $+20\text{ }^{\circ}\text{C}$. Can temperature during application $+5\text{ }^{\circ}\text{C} \div +25\text{ }^{\circ}\text{C}$, best results at $+20\text{ }^{\circ}\text{C}$. Surfaces must be clean from dust, loose particles and oil before foam is applied. Soft foam can be removed with acetone, cured foam only mechanically. Cured foam can be painted. For the cans partially used, the original straw, supplied with the product, is to be closed tightly by bending backwards and sealing off with the stopper. For re-use of remaining foam, shake can well, open the straw, clean its end and apply like the first time.

Characteristics	Composition:	4.4'-diisocyanate of diphenylomethane, propellants
	Colour:	light-yellow
	Working temperature (of base)	$+5\text{ }^{\circ}\text{C} \sim +30\text{ }^{\circ}\text{C}$ (optimum $+20\text{ }^{\circ}\text{C}$)
	Container temperature	$+15 \sim +30\text{ }^{\circ}\text{C}$
	Thermal stability of cured foam	$-50\text{ }^{\circ}\text{C}$ up to $+90\text{ }^{\circ}\text{C}$
	Density:	$0.020 - 0.025\text{ g/cm}^3$ ($20 - 25\text{ kg/m}^3$)
	Dimensional stability:	$3 - 5\%$ (at $23\text{ }^{\circ}\text{C}$, 50% RH, 24 hours)
	Water absorption	2.5% (after 24 hours)
	Strength:	0.05 MPa (compressive strength) 0.14 MPa (tensile strength)
	Thermal conductivity factor	0.036 W/mK
	Flammability	B3 (DIN 4102)
	Solvent (before hardening)	acetone
	Tack free time	10 – 14 min ($23\text{ }^{\circ}\text{C}/\text{RH } 50\%$)
	Cutting time	$>45-60\text{ min}$ ($23\text{ }^{\circ}\text{C}/\text{RH } 50\%$)
	Time of complete hardening	24h
	Yield:	750 ml: ab. $42 - 50\text{ dm}^3$ ($23\text{ }^{\circ}\text{C}/\text{RH } 50\%$)

The values specified were obtained at $23\text{ }^{\circ}\text{C}$ and 50% relative humidity, unless otherwise specified.

Packaging and Storage Product is packed into aerosol container of 750 ml. Storage time is up to 18 months (since the production date). Store in the dry and cool place in factory original containers. Storage temperature: +5 °C to +30 °C (for the short time it may be stored under the temperature not lower than -5 °C). It is not allowed to store containers under the temperature higher than +50 °C and near to the naked fire. Not like most of other PU foams, PROFI-FIX® PLUS can be stored vertically or horizontally in its original parcel. After initial use, store the can vertically. The product must be stored in a cool and dry place away from direct sun light. Container can not be neither squeezed nor pierced, even after complete emptying.

- Safety regulations**
- Can contains diphenylmethane 4,4-diisocyanate,
 - Foam is health harmful when inhalation,
 - It is recommended to wear protective clothes, glasses, and gloves,
 - During the foam application process, the room should be properly ventilated, in case of need apply the airways protecting apparatus;
 - Try to avoid direct contact with the human skin, in case of contact with eyes – wash them immediately with water and consult doctor;
 - Do not apply the foam near the naked fire and don't smoke during operation;
 - Pressurized container;
 - Container can not be neither squeezed nor pierced, even after complete empty.
 - Don't expose to the temperature exceeding +50 °C
 - Don't heat up the foam container exposing on sunlight, the naked fire, heaters, burners, and other artificial heating sources;
 - Keep out of the reach of children;
 - Transport of containers may be the land transport.

The data shown can only represent a general guideline. Depending upon particular application circumstances and techniques beyond the control of the manufacturer, these guidelines can not entitle to any claim. Sufficient pre-testing is recommended. More detailed information regarding industrial safety is included in the Material Safety Data Sheet (MSDS).