



TEKAPUR

PU - foam Two component



TEKAPUR PU - foam Two component does not require air humidity for hardening.

PROPERTIES

TEKAPUR PU - foam Two component guarantees good heat and sound insulation. It adheres to most building materials like wood, concrete, brick, metal, aluminium, glass, but not to polyethylene, silicone, PTFE and release agents.

USE

It is used in building industry for sealing, filling, insulating, assembling (doors, windows,...) It is especially suitable for filling gaps in places where there is no air humidity.

TECHNICAL DATA

Volume:	12 - 14 (free foamed) (400 ml)
Specific gravity:	30 - 35 kg/m ³
Application temperature:	min. +5°C (surface), 10 - 25°C (can)
Tack free time:	5 - 10 min
Cutting time:	15 - 20 min
Hardening time:	45 - 60 min
Temperature resistance:	-40°C to +90°C
Dimensional stability:	max. -1%
Water absorption:	DIN 53428 max. 0,3 vol. %
Tensile strength:	DIN 53430 15-25 N/cm ²
Compression strength:	DIN 53421 8-12 N/cm ²
Thermal conductivity:	DIN 52612 0,029 W/(m K) at 20°C
Flammability class:	DIN 4102, part 1 B2

APPLICATION

Surfaces should be clean, free of dust, fat and other impurities. The temperature of the can must be 10 - 25°C, because in mixing a two component system, reaction heat develops. That is why cans must not be used if their temperature is greater than 25°C (In this case we have to cool it down in water). Before use remove the protective cap on the valve and screw the adapter on. The black circle on the bottom of the can should be turned in the direction of the arrow at least six times, so that the internal dose is activated. Then shake the can thoroughly at least 30 times so that the A and B components mix well. If the can is cold, shake it more (Good mixing affects the quality of the foam). Turn the can valve upside down and begin application immediately, or the temperature in the can can rise above 50°C, which means a risk of explosion. After the turning of the circle, you have about 8 minutes working time left, after that the foam hardens in the can. Hold the can valve upside down and regulate the foam output by pressing on the valve. All of the foam has to be light green colour. Otherwise, shake the can again and immediately continue applying the foam. Fill the gap only partially, as the foam's volume increases by 20-30%. Filling of gaps of all sizes is possible, because there are no restrictions concerning volume or diameter. Once the foam has hardened, cut it into shape with a sharp knife and finish with plastering, taping, painting,...

Fresh remains of the foam can be removed with the TEKAPUR cleaner or acetone, hardened foam can be removed with the APURSIL cleaner or mechanically. **Cured foam must be protected against UV.**

PACKAGING

- aerosol can of 400 ml

STORAGE

12 months (+10°C to +20°C)
Higher temperatures shorten storage life.
Can must be in vertical position!

SAFETY PRECAUTIONS

Content: diphenylmethane-4,4-diisocyanate

R phrases:

Harmful by inhalation. Irritating to eyes, respiratory system and skin. Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation and skin contact. Harmful: danger of serious damage to health by prolonged exposure through inhalation. May cause long-term adverse effects in the aquatic environment. May cause harm to breastfed babies.

S phrases:

Keep out of the reach of children. Do not breathe spray. After contact with skin, wash immediately with plenty of water and soap. Wear suitable protective clothing and gloves. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas.

Additions:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

ATTENTION

The information supplied is accurate to the best of our knowledge and is based on reliable tests and practical experiences. Properties quoted are intended, as a guide and do not therefore constitute a specification. You should thoroughly test any application to be sure that product corresponds to the required performances.