

TECHNICAL SHEET 28.05.01-EN



SIGILL PU Foam Universal 920

All-purpose montage foam

1. Description, Application

SIGILL PU Foam Universal 920 is a one-part insulation and construction assembly polyurethane foam developed to create a seal between construction parts. High yield, it cures under the influence of environmental moisture.

2. Certificates

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3. Technical data

Packaging	500 ml, 750 ml
Color	Light yellow
Chemical nature	PU foam
Curing mechanism (23°C and 50% RH)	Moisture-curing
Skin-forming time [min] (23°C and 50% RH)	~14
Cutting time [min] (Thickness 2 cm)	~35
Specific density [kg/m³] (expanded)	~28
Expansion [l/750ml]	28

Shrinkage [%]	<2
Tensile strength [N/cm²] (BS 5241)	~11
Compressive strength [N/cm²] (10% - DIN 53421)	~2
Thermal conductivity [W/(m²K)]	~0,030
Application temperature [°C]	from +5° to +40°C
Temperature resistance [°C]	from -50°C to +90°C

4. Installation Conditions

The temperature of the air and the wall base should be from +5 to 40°C.

5. Areas of Application

SIGILL PU Foam Universal 920 is developed to fix windows subframes to construction elements, partition walls, ceiling and floor joints, to seal surface penetrations of pipes and hoses through walls and floors. Excellent adhesion to concrete, brick, stone, plaster, wood, metal and many plastics like EPS and XPS.

6. Features

- High quality professional polyurethane foam
- For insulation, fixation, soundproofing
- Reaction to fire: class B3
- Good thermal performance
- Aerosol can 750 ml available in both manual straw or automatic gun application, 500ml only manual straw
- Paintable

7. Instruction for Use

Shake well before use. Well-cleaned and degreased surfaces can be moistened before application to improve adhesion and expansion; for optimal yield, operate around 20 ° C.

Screw the supplied canula, apply foam keeping the can upside-down and triggering the valve. Take care while dosing as the foam doubles in volume.

For subsequent applications, return to an upright position and dispense for a few moments; then, clean the valve with SIGILL PU Foam dissolver .

8. Cleaning of Equipment and Personal Protective Measures

Attention do not touch the foam with your hands: uncured foam can be cleaned with PU Foam Dissolver. When hardened, it can only be removed mechanically.

Avoid skin contact by using latex, rubber or polyethylene gloves.

9. Storage, Transportation Conditions and Shelf Life

SIGILL PU Foam Universal 920 can be stored for 12 months in its original packaging (unopened container) between 10°C and 25°C in a cool, dry place. Keep away from sources of humidity, direct sunlight and heat sources.

10. Other Information

Technical instructions are given based on our experiences and are given as a guideline for achieving optimal results. We cannot take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work. JUB also bears no responsibility in cases where the substrate for the application of our

products is prepared inadequately or with materials of inadequate quality from other manufacturers. In the case of applying our products to existing substrates of old coatings or pre-prepared substrates with materials from other manufacturers, it is obligatory to make appropriate test fields with all the intended applications of JUB products, in accordance with the technical instructions, before starting the work.

Safety measures: Follow the instructions on the safety data sheet of the product.

This technical sheet supplements and replaces all preceding editions. We reserve the right to change and supplement data in the future.

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