



ROMABOND PU FOAM - STRAW

Technical Data Sheet

CHARACTERISTICS AND APPLICATIONS

ROMABOND PU FOAM - STRAW, is a single-component, moisture-curing and self-expanding aerosol polyurethane foam. It is designed for easy dispensing through the straw adapter included with each can. It does not contain any propellant gases that are harmful to the ozone layer.

Fixing and insulating of door and window frames, filling and sealing gaps, joints and cavities. Filling of penetrations in walls and insulating electrical outlets and water pipes.

- Excellent adhesion & filling capacity and high thermal & acoustical insulation value.
- Excellent mounting capacity and stability.
- Adheres to almost all building materials with the exception of surfaces such as polyethylene, teflon, silicone and surfaces contaminated with oils and greases, mold release agents and similar materials.
- Mould-proof, water-proof, over paintable.
- Cured foam dries rigid and can be trimmed, shaped and sanded.

INSTRUCTIONS FOR USE

Optimal can temperature is +20 °C. Application (ambient) temperature is between -2 °C to +30 °C. Shake the can well before use. Screw the adapter on the valve. Hold the can upside down and activate the foam by pressing the valve. Moisturizing the surfaces and the foam improves adhesion and shortens curing time. Fresh foam can be cleaned by foam cleaner. Cured foam can be cleaned barely mechanically.

RESTRICTIONS

- Storage above +25 °C and below +5 °C shortens shelf life.
- Should be stored and transported in vertical position.
- Should be kept in room temperature for at least 12 hours before the application.
- Cured foam will discolor if exposed to ultraviolet light.
- Paint or coat the cured foam for best results in outdoor applications.
- Lower temperatures decreases yield and curing time.



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TECHNICAL PROPERTIES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 Kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 25-30 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Tensile strength	: 11.7±0.8	(SO1926-79)
Dimensional stability	: ±10%	(ISO2796/86)
Water penetration	: 0	(ISO2896-87)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -2°C to +30°C	

The results were obtained by providing optimum environmental conditions.

SAFETY

Contains Diphenylmethane-4,4'-Diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Do not breathe spray/vapour. Wear suitable protective clothing and gloves. Use only in well-ventilated areas. Pressurized container. Keep away from direct sunlight and do not expose temperatures over 50 °C. Do not pierce or burn, even after use. Keep away from sources of ignition, no smoking. Keep out of the reach of children.

STORAGE AND PACKAGING

ROMABOND PU FOAM - STRAW, is packed in 860 gr cans. In case of proper storage conditions the adhesive can be conserved for at least 12 months without changing its properties.

All the information in this technical datasheet is given in good faith and is the result of our own experience and tests and can only be considered as a guideline for operation. Egger Dekor is guarantee the constant quality of our products but we cannot be held responsible for the results obtained in their use, since the conditions of work are beyond our control. We recommend that tests should be made to determine the suitability of the product for a specific purpose before the production is started.