



# MOUNTING FOAM TRIS

## MOUNTING FOAM 65 GUN

**T R I S**

### PRODUCT DESCRIPTION

Premium quality foam with an increased yield of up to 65 liters of the final product. For the installation of stained-glass windows and door blocks, window sills, fastening wall panels, sealing gaps, voids, heat and noise insulation, as well as for other construction, decoration and installation works.

Polyurethane foam has high adhesion to most construction materials. Provides uniform, stable yield, fine and medium pored structure of the final foam. It has the necessary secondary expansion, after solidifying it forms a strong polymer material, making it suitable for filling large cracks and voids, window openings.

Withstands stable high loads. Resistant to deformation of structures. Secondary expansion is 15-30%.

### SPECIFICATION

Base	polyurethane prepolymer
Consistency	stable foam
Color	yellow
Skinning	approx 4 min* (20°C, humidity 65%)
Vesicular structure	About 60% closed holes
Primary treatment time	11-15 min*
Complete polymerization time	Approx. 12 h (20°C, humidity 65%)
Apparent volume weight	11 - 20 kg/m <sup>3</sup>
Yield	65 l
Longitudinal strength	0,08 MPa
Compression strength	0,018 MPa
Thermal endurance of solidified foam	-40°C...+90°C
Flammability class	G4
Coefficient of thermal expansion	0,050 W/mK (after solidifying)
Adhesion	0,05 MPa



## DISPOSAL RECOMMENDATIONS

Do not burn after use!

The used cylinder should be disposed of as household waste.

The waste of solidified foam is recommended to grind and use as insulation during construction work.

## COMPOSITION

4,4-diphenylmethanediisocyanate, dimethyl ether, propane-butane, polyol component,

## STORAGE

Store in a vertical position with the valve facing up in a cool, dry place at an ambient temperature of +5°C to +25°C.

## APPLICATION INSTRUCTIONS

It is recommended to carry out the operation at a temperature from -10°C to +35°C and the relative humidity of not less than 50%. To obtain the maximum output volume and optimal physical and mechanical characteristics of the foam the cylinder must be kept at the temperature of +18°C up to +25°C for not less than 10 h.

For neat work, it is recommended to cover adjacent surfaces with film. Apply to surfaces previously cleaned of dust, dirt, grease, ice and frost.

Before applying the foam, working surfaces should be moistened at the temperature higher than 0°C.

Working position of the cylinder is BOTTOM UP. Remove the protective cover from the cylinder. Screw the gun on the cross-shaped nozzle with a thread.

Make sure the connection is secure.

Shake the cylinder thoroughly for 30 seconds. Fill the crack, hole or gap by 2/3 of the volume, applying the foam from the bottom upwards. Adjust the foam output using the gun screw. During the operation, periodically shake the cylinder.

After application, moisten the foam with a spray gun at an ambient temperature above 0°C. Primary treatment time is 14 min \*.

The excess of the solidified foam can be removed with a knife. The excess of the unhardened foam can be removed with the professional cleaner "TriS".

Full polymerization time is 24 h. Solidified foam may be cut, painted and plastered. Keep away from exposure to UV rays and atmospheric precipitation.

## GUIDANCE ON SECURITY MEASURES

Flammable! The cylinder is under pressure! Protect from direct sunlight and heating above 50°C. Do not spray near open flame and heat! Do not smoke when working with the foam! Do not disassemble and keep away from children! Do not inhale the vapors! To avoid getting foam on the skin and eyes, wear gloves, goggles and work clothing. The contents of the cylinder may cause irritation of the eyes, respiratory organs, skin, allergies. In case of skin contact, rinse off the foam with an acetone-based solvent or "TriS" foam cleaner, then rinse with soap and water. If swallowed, seek medical attention immediately. In case of contact with eyes, rinse immediately with water and seek medical advice. Store and use in a well-ventilated area. Apply skin, eye and respiratory system protection. Avoid exposure to static electricity.



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**INSULATION & PROTECTION MATERIALS**

# PROFESSIONAL CLEANSER

## PROFESSIONAL CLEANSER

**T R I S**

### PRODUCT DESCRIPTION

Highly effective solvent and cleanser for removing stains of varying complexity and cleaning the gun. It perfectly cleans surfaces from unhardened insulation, sealing foam, sealant and glue. Degreases steel and glass surfaces.

### SPECIFICATION

Base	alcohol ester
Texture	liquid
Color	colorless
Volume weight	Approx. 800 kg/m <sup>3</sup>

### EFFECTIVELY CLEANS

Internal and external parts of foam guns, cylinder valves, work surfaces, clothing. After each use it is recommended to clean the gun to maintain it in working condition and increase its service life. Strong antiseptic properties help to remove fungi and bacteria from the surface being cleaned, especially from wooden window frames and other parts. It may damage some plastics, varnished and painted surfaces and fabrics, therefore it is necessary to protect surfaces before starting work.



## APPLICATION

For flushing and cleaning the inner surface of the gun from the remnants of unhardened sealing foam, insulation, sealant and glue. Spray TriS cleanser on unhardened stains of insulation, sealant, glue, foam, etc. until they are completely removed.

- It is recommended to carried out work at a temperature from 0°C to +35°C;
- Remove the protective cover of the cylinder;
- Screw the cylinder onto the gun;
- Open the adjustment screw on the gun, pushing the gun trigger all the way, pass the cleaner through the gun for 5 seconds;
- The operation should be repeated 3 times;
- Close the adjusting screw and carefully remove the cylinder from the gun.

To remove unhardened sealing foam, insulation, sealant, glue from the outer surface of the gun, cylinder valves, work surfaces and clothing:

- It is recommended to carried out work at a temperature from 0°C to +35°C;
- Install the spray head on the valve of the cylinder with the cleanser. (The manufacturer reserves the right to change the configuration of the cylinder. If the cylinder is equipped with a black adapter, the working position of the cylinder is BOTTOM UP);
- Treat the place of contamination with the cleanser;
- Remove the remains of sealing foam, insulation, sealant, glue with a napkin.

## GUIDANCE ON SECURITY MEASURES

**FLAMMABLE!** The professional cleaner contains flammable liquefied gas. The cylinder is under pressure. Protect from direct sunlight and heating above 50°C. Even an empty cylinder must not be opened or burned. Do not smoke when working with the cleanser. Isolate from sources of fire, do not smoke. Prevent possible sparks caused by static electricity. Prevent gas from spreading in the workplace or use a suitable respirator. Check for adequate ventilation during work. In case of contact with eyes, rinse immediately with water and seek medical advice. If swallowed, seek medical attention. Contains flammable components. Inadequate ventilation may result in explosive mixtures.

**PREVENT FROM EYES CONTACT AND SWALLOWING!**

**DO NOT INHALE! DO NOT SPRAY CLOSE TO FIRE OR ON HOT SURFACES! KEEP OUT OF THE REACH OF CHILDREN!**

## COMPOSITION

methyl acetate, propane, butane, butyl acetate

## STORAGE

Store in a well-ventilated cool, dry place at an ambient temperature of +5°C to +25°C. Shelf life is 18 months if stored properly.



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**INSULATION & PROTECTION MATERIALS**

# FOAM GUN

FOAM GUN

**T R I S**

PROFESSIONAL MOUNTING GUN FOR POLYURETHANE FOAM, SPRAY INSULATION, POLYURETHANE ADHESIVE

INCREASED FOAM OUTPUT

UNIFORM APPLICATION OF SPRAYABLE INSULATION

EXTENDED LIFE TIME



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